

INITIAL STUDY and NEGATIVE DECLARATION

FOR

Crestline-Lake Arrowhead Water Agency and San Bernardino Valley Municipal Water District Proposed Multi-Year Water Exchange Project

PUBLIC REVIEW DRAFT

Prepared for:

Crestline – Lake Arrowhead Water Agency
24116 Crest Forest Drive
Crestline, CA 92325
(909) 338-1779

Prepared by:

San Bernardino Valley Municipal Water District
380 East Vanderbilt Way
San Bernardino, CA 92408
(909) 387-9200

Albert A. Webb Associates
3788 McCray Street
Riverside, CA 92506
(951) 686-1070

January 2025

TABLE OF CONTENTS

TABLE OF CONTENTS	i
ACRONYMS	ii
I. INTRODUCTION	1
II. PROJECT DESCRIPTION	2
State Water Project	3
Purpose and Need	4
Study Area	5
Project Objectives	5
Project Description	5
III. ENVIRONMENTAL CHECKLIST FORM	11
IV. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED	14
V. DETERMINATION	15
VI. ENVIRONMENTAL CHECKLIST	16
VII. REFERENCES	62

Appendices

Appendix A	Crestline-Lake Arrowhead Water Agency Water Supply Contract
Appendix B	Crestline-Lake Arrowhead Water Agency Water Supply Contract Amendment
Appendix C	San Bernardino Valley Municipal Water District Water Supply Contract

Figures

Figure 1 – CLAWA Service Area	7
Figure 2 – SBVMWD Service Area	8
Figure 3 – State Water Project	9
Figure 4 – SWP East Branch Conveyance	10
Figure 5 – Land Use Category/Districts	13

ACRONYMS

AB 52	Assembly Bill 52
ACBCI	Agua Caliente Band of Cahuilla Indians
AF	Acre-feet
AQ	Air Quality
AQMD	Air Quality Management District
AQMP	Air Quality Management Plan
CARB	California Air Resources Board
CCR	California Code of Regulations
CDFW	California Department of Fish & Wildlife
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CH ₄	Methane
CLAWA	Crestline-Lake Arrowhead Water Agency
CO	Carbon monoxide
CO ₂	Carbon dioxide
CO ₂ E	Carbon dioxide equivalent
DOC	Department of Conservation
DWR	Department of Water Resources
EPA	Environmental Protection Agency
EIR	Environmental Impact Report
FHSZ	Fire Hazard Severity Zone
FMMP	Farmland Mapping and Monitoring Program
FRA	Federal Responsibility Area
GHG	Greenhouse Gas
GWP	Global Warming Potential
HFC	Hydrofluorocarbons
IS	Initial Study
IS/ND	Initial Study / Negative Declaration
LCI	Governor's Office of Land Use and Climate Innovation
LRA	Local Responsibility Area
MBMI THPO	Morongo Band of Mission Indians Tribal Historic Preservation Office
MM	Mitigation measure
MND	Mitigated Negative Declaration
MTCO ₂ E/year	Metric tonnes per year of carbon dioxide equivalents
NAHC	Native American Heritage Commission
ND	Negative Declaration
NOI	Notice of Intent
N ₂ O	Nitrous oxide
OPR	Governor's Office of Planning and Research
PFC	Perfluorocarbons
PRC	Public Resources Code
SBVMWD	San Bernardino Valley Municipal Water District (San Bernardino Valley)
SCAQMD	South Coast Air Quality Management District
SF ₆	Sulfur hexafluoride

SLF	Sacred Lands File
SMBMI	San Manuel Band of Mission Indians
SR	State Route
SWP	State Water Project
SWPAO	State Water Project Analysis Office
USFWS	United States Fish and Wildlife Service
Water Management Tools FEIR	Water Management Final Environmental Impact Report

I. INTRODUCTION

This document has been prepared pursuant to the California Environmental Quality Act (CEQA, California Public Resources Code Sections 21000 *et seq.*), the *CEQA Guidelines* (California Code of Regulations Sections 15000 *et seq.*). Crestline-Lake Arrowhead Water Agency (CLAWA) is the lead agency and the California Department of Water Resources (DWR), and San Bernardino Valley Municipal Water District (San Bernardino Valley) are the responsible agencies for CEQA purposes.

Section 15063(c) of the State *CEQA Guidelines* lists the following purposes of an Initial Study:

1. *Provide the Lead Agency with information to use as the basis for deciding whether to prepare an EIR or a negative declaration;*
2. *Enable an applicant or Lead Agency to modify a project, mitigating adverse impacts before an EIR is prepared, thereby enabling the project to qualify for a negative declaration;*
3. *Assist in the preparation of an EIR, if one is required;*
4. *Facilitate environmental assessment early in the design of a project;*
5. *Provide documentation of the factual basis for the finding in a negative declaration that a project will not have a significant effect on the environment;*
6. *Eliminate unnecessary EIRs; and*
7. *Determine whether a previously prepared EIR could be used with the project.*

According to Section 15070 (Decision to prepare a Negative Declaration or Mitigated Negative Declaration) of Article 6 (Negative Declaration Process) of the *CEQA Guidelines*:

A public agency shall prepare or have prepared a proposed negative or mitigated negative declaration for a project subject to CEQA when:

- a) *The initial study shows that there is no substantial evidence, in light of the whole record before the agency, that the project may have a significant effect on the environment, or*
- b) *The initial study identified potentially significant effects, but:*
 - 1) *Revisions in the project plans or proposals made by, or agreed to by the applicant before a proposed mitigated negative declaration and initial study are released for public review would avoid the effects or mitigate the effects to a point where clearly no significant effects would occur, and*
 - 2) *There is no substantial evidence, in light of the whole record before the agency, that the project as revised may have a significant effect on the environment.*

This draft Initial Study has been prepared to assess at a project level, the potential for any significant environmental effects and impacts resulting from implementation of the Crestline-Lake Arrowhead Water Agency (CLAWA) and San Bernardino Valley Municipal Water District (San Bernardino Valley) Proposed Multi-Year Water Exchange Project (“Project”).

This Initial Study / Negative Declaration (IS/ND) is organized as follows:

-
1. Introduction, which includes the context for review, applicable citations pursuant to CEQA and the State CEQA Guidelines.
 2. Project Description, including a discussion of the purpose and need for the Project.
 3. Initial Study and Environmental Checklist Form, consistent with Appendix G of the CEQA Guidelines.
 4. References, comprised of a list of references used in the preparation of this IS/ND.
 5. Proposed Notice of Intent (NOI) to adopt a IS/ND.

This document will be available for public comment from January 30, 2025 to February 28, 2025, on the Crestline-Lake Arrowhead Water Agency website: www.clawa.org, and on the California Governor's Office of Land Use and Climate Innovation (LCI) State Clearinghouse formerly known as the Governor's Office of Planning and Research (OPR) website: <https://ceqanet.opr.ca.gov/>. Comments will be accepted in writing through 5 PM Pacific Daylight Time on February 28, 2025. At the end of the public comment period CLAWA will consider the IS/ND and any comments received during the public comment period. CLAWA will then adopt the IS/ND, if, based on the whole record: (1) there is no substantial evidence that the proposed project will have a significant effect on the environment; and (2) that it represents CLAWA's independent judgement and analysis.

Documents Incorporated by Reference

This IS/ND incorporates, by reference, relevant information from the State Water Project Water Supply Amendments for Water Management Final Environmental Impact Report, State Clearinghouse No. 2018072033 (Water Management Tools FEIR), certified by DWR August 28, 2020. The Water Management Tools FEIR adds, deletes, and modifies provisions of the State Water Contracts and clarifies certain terms of the Contracts to provide greater water management regarding transfers and exchanges of SWP water within the SWP service area, which includes CLAWAs and San Bernardino Valley's service areas. No construction or modification of SWP facilities, changes to existing Table A allocations, or changes to water supply delivered by the SWP were proposed in the Water Management Tools FEIR: the transfers and procedures would rely on existing infrastructure, and the SWP water would continue to be supplied through the SWP system consistent with current SWP Water Supply Contracts terms and all regulatory requirements. The Water Management Tools FEIR can be used by SWP Contractors, as responsible agencies under CEQA, when considering discretionary approvals of proposed transfers and exchanges of SWP water.

Pursuant to CEQA Guidelines Section 15150, each resource topic in Chapter 4 (Environmental Factors Potentially Affected) of this IS includes a summary of relevant SWP environmental setting information and impact conclusions presented in Chapter 5, *Environmental Analysis*, of the Water Management Tools FEIR.

II. PROJECT DESCRIPTION

Project Background

The Crestline-Lake Arrowhead Water Agency (CLAWA) was created by a special act of the California Legislature in 1962 in anticipation that it would execute a water supply contract to deliver imported

water from the State Water Project (SWP) to the San Bernardino Mountains. CLAWA's boundaries extend from west of Silverwood Lake eastward to beyond Green Valley Lake, encompassing an area of approximately 117 square miles (UWMP 2010, p. 12) (Figure 1). CLAWA's sole source of water supply is Silverwood Lake, a State Water Project reservoir. CLAWA pumps imported water from its intake tower in Silverwood Lake, treats the water at its treatment plant located on the south shore of the lake, pumps the treated water uphill to its reservoirs in the Crestline area, and then delivers the water to customers located across its service area. Most of the water is supplied on a wholesale basis to other water districts, water companies, and camps, but CLAWA also delivers a portion of its treated water to approximately 1,200 retail service connections, mostly residential, within small retail service areas.

The San Bernardino Valley Municipal Water District (San Bernardino Valley) was incorporated under the Municipal Water District Act of 1911 (California Water Code Section 71000 *et seq.*, as amended), in 1954 as a regional agency to plan a long-range water supply for the San Bernardino Valley. San Bernardino Valley's service area covers approximately 353 square miles in southwestern San Bernardino County, encompassing the eastern two-thirds of the San Bernardino Valley, the Crafton Hills, and a portion of the Yucaipa Valley, and includes the cities and communities of Bloomington, Colton, East Highland, Grand Terrace, Highland, Loma Linda, Mentone, Redlands, Rialto, San Bernardino, and Yucaipa (Figure 2). San Bernardino Valley imports water into the service area through participation in the State Water Project and manages groundwater storage its service area.

State Water Project

CLAWA and San Bernardino Valley are two of the 29 State Water Project (SWP) Contractors, holding agreements with the California Department of Water Resources (DWR) for the delivery of SWP water. Constructed in the 1960's, the SWP encompasses a water storage and delivery system that spans nearly the entire length of California (Figure 3), providing for the water needs of approximately 27 million California residents. The SWP is operated and managed by the DWR with all of the costs paid by the 29 SWP Contractors. Each SWP Contractor has a water supply contract with the DWR that stipulates the maximum "Table A" amount of SWP water that can be allocated and delivered. Though the Table A allocated to each SWP Contractor is static, the volume actually delivered varies annually based on hydrologic conditions, reservoir storage, delivery requests from SWP Contractors, and operational conditions of the SWP system itself (for example, supply may be affected by equipment/facility condition and maintenance needs). DWR maintains a debit and credit system to keep track of allocations and delivery of SWP water to each of the SWP Contractors. DWR cannot allocate SWP water to a SWP Contractor in excess of its Table A allocation in any one calendar year, but undelivered SWP water can be "carried over" (hereafter referred to as carryover water) to the next calendar year and subsequently made available for delivery, upon request by the SWP Contractor. Carryover supply is stored in San Luis Reservoir, but the volume is limited, and the water is subject to spill if the carryover space in San Luis Reservoir is needed for SWP water. Though this mechanism provides flexibility, carryover is really a short-term storage option with high risk, as there is no guarantee that the water would still be available upon request.

Recognizing these constraints, and to provide for flexibility in the planning and management of SWP water, Amendment No. 18 to the SWP Water Supply Contract (Appendix A), approved in 2020, incorporates a mechanism for SWP Contractors to transfer or exchange SWP water amongst themselves, as long as the water remains in the SWP service area, and subject to preapproval by DWR

through a Transfer Package process that allows the SWP Contractors to administer the program themselves.

CLAWA's water supply contract with DWR stipulates a maximum annual allocation of 5,800 acre-feet of SWP water (Appendix B), and San Bernardino Valley's water supply contract with DWR stipulates a maximum annual allocation of 102,600 acre-feet (Appendix C). Both CLAWA and San Bernardino Valley are located towards the southern extent of the SWP system (Figure 3) on the East Branch of the California Aqueduct. CLAWA's SWP supply is delivered from Silverwood Lake (Figure 4), and San Bernardino Valley's SWP supply is delivered to the south of Silverwood Lake, after the water is conveyed through Silverwood Lake and through the Devil Canyon Powerhouse into the first afterbay (Figure 4).

After delivery at the delivery points above, the SWP water is routed through existing CLAWA and San Bernardino Valley facilities to end users. CLAWA delivers treated, potable water to approximately 1,200 retail customers and supplemental water to more than 20 other water agencies and camps across the San Bernardino Mountains. San Bernardino Valley delivers untreated SWP water to several water treatment plants owned by retail water agencies within its service area and also delivers water for groundwater recharge.

Purpose and Need

The Project is a collaborative effort between Crestline-Lake Arrowhead Water Agency (CLAWA) and the San Bernardino Valley Municipal Water District (San Bernardino Valley), both of which are State Water Project (SWP) Contractors, to provide flexibility in the management of CLAWA's allocated excess carryover SWP water.

With climate change and increasing uncertainty in weather patterns, availability of SWP water supply can significantly fluctuate year to year, and in some years, month to month. Local weather patterns, within each SWP Contractors service area, can exacerbate these challenges, particularly for smaller SWP Contractors with limited capacity and flexibility to store and/or rapidly adapt to variability in SWP water supply. This variability can lead to water supply challenges, especially in wet and dry years. For example, during locally wet periods, SWP Contractors with limited storage options may not have the demand to utilize their allocated SWP water supply. In that scenario, the ability to store the water would be extremely beneficial and could then be used during a subsequent dry period.

CLAWA is a SWP Contractor with limited storage options, and under certain conditions has limited capacity to take receipt of allocated excess carryover SWP water. Consequently, CLAWA could be vulnerable to loss of allocated excess carryover SWP water if they are unable to take receipt of carryover SWP water. To minimize the potential loss of CLAWA's excess carryover SWP water, this Project comprises a multi-year water exchange program that would be implemented by CLAWA and San Bernardino Valley, on an as-needed basis, when CLAWA designates it has excess carryover SWP water, and desires assistance from San Bernardino Valley in the management of their excess carryover SWP supply. The program provides benefits to both CLAWA and San Bernardino Valley. CLAWA is able to store any excess carryover water with San Bernardino Valley and have access to that water in a subsequent year and San Bernardino Valley will receive additional water supply since it is only required to return half of the water it receives under the program. The program would not require new construction, and/or alteration/improvements to existing facilities. The proposed water exchange would use existing facilities, and this agreement would not change the maximum allocated SWP water to either

CLAWA or San Bernardino Valley, also known as their “Table A” allocation, or require the SWP to operate out of the ordinary.

Study Area

The Study Area encompasses CLAWA and San Bernardino Valley’s service areas, both of which are within the SWP service area (Figures 1 and 2).

Project Objectives

The Project would establish a multi-year water exchange agreement between CLAWA and San Bernardino Valley to achieve the following objectives:

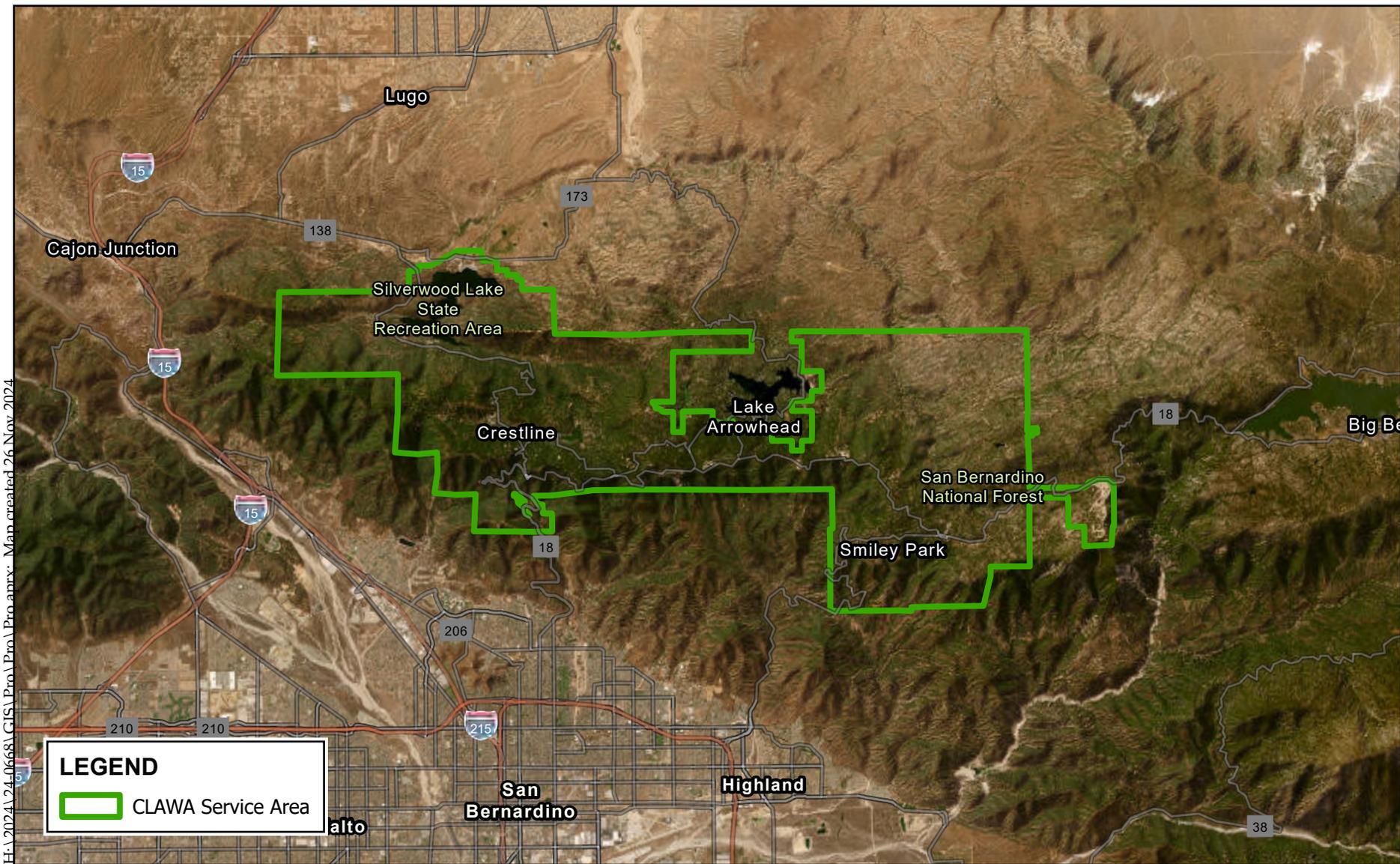
1. Establish a framework and legal agreement to facilitate the transfer of all or a portion of CLAWA’s excess carryover SWP water to San Bernardino Valley, consistent with Article 56 of the Water Management Amendment to the SWP Water Supply Contract with DWR.
2. Establish a framework and process for SWP water transfers from CLAWA to San Bernardino Valley, consistent with Article C of the Water Management Amendment to the SWP Water Supply Contract with DWR.
3. Establish a framework and process to facilitate the transfer of return water from San Bernardino Valley to CLAWA, at the request of CLAWA, and subject to water availability and other factors.
4. Provide for flexibility in the planning and management of CLAWA’s excess carryover SWP water and minimize the potential for CLAWA to lose all or a portion of its excess carryover SWP water. The agreement would also store some of CLAWA’s water in San Bernardino Valley that they could then call upon in a future year when they need the water.
5. Provide a water supply benefit to San Bernardino Valley. The agreement is an unbalanced exchange whereby San Bernardino Valley only returns ½ acre-foot for every 1 acre-foot received, providing a net benefit of ½ acre-foot to San Bernardino Valley.

Project Description

This Initial Study analyzes implementation of the Crestline-Lake Arrowhead Water Agency and San Bernardino Valley Municipal Water District Proposed Multi-Year Water Exchange Project (the Project), which will allow for flexibility in management and use of allocated excess carryover State Water Project (SWP) water by Crestline-Lake Arrowhead Water Agency (CLAWA). The Project consists of a framework for San Bernardino Valley, at the request of CLAWA, to receive excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and for CLAWA to receive return water from San Bernardino Valley. For every 1 acre-foot that CLAWA provides to San Bernardino Valley, up to ½ acre-foot may be returned thereby providing a net water supply benefit to the San Bernardino Valley. The Project would be implemented on an as-needed basis, consistent with Article 56 of the Water Management Amendment to the SWP Water Supply Contract with DWR. The framework would follow the terms and conditions identified in Appendix A, which generally consist of the following:

-
- A. By August 31 of each year, CLAWA will determine the amount of allocated excess carryover SWP water to make available to San Bernardino Valley during the next calendar year, provided that the total in any one year does not exceed 5,800 acre-feet.
 - B. CLAWA may revise the amount to be delivered to San Bernardino Valley, provided that the revision is given prior to water being delivered, and the total does not exceed the amount identified in A.
 - C. San Bernardino Valley will make every effort to take delivery of any of CLAWA's allocated excess carryover SWP water, but may decline, or reduce, the delivery amount, based on facility constraints or other factors.
 - D. CLAWA will notify San Bernardino Valley by August 31 of each year whether they would like to receive any Return Water in the next calendar year. CLAWA may revise their Return Water request any time and will provide SB Valley notice of this revision.
 - E. San Bernardino Valley will make every reasonable effort to fulfill CLAWA's request for Return Water under the following conditions:
 - a. The SWP allocation is 40%, or higher.
 - b. Whenever the SWP allocation is lower than 40%, San Bernardino Valley, at its sole discretion, will determine the amount of Return Water, if any, it will provide to CLAWA.
 - c. The total amount of Return Water is limited to a maximum of 800 acre-ft each year, unless otherwise approved by San Bernardino Valley.
 - F. CLAWA and San Bernardino Valley will work together on a mutually agreeable delivery schedule for the delivery of water under this agreement.
 - G. San Bernardino Valley and CLAWA will each enter into an agreement with the Department of Water Resources (DWR) to effectuate this exchange.
 - H. San Bernardino Valley and CLAWA will each order delivery of water, under their agreement with DWR using their unique State Water Project Analysis Office (SWPAO) agreement numbers and will notify each other of their order.
 - I. CLAWA and San Bernardino Valley will maintain a running, annual accounting (accounting) of water provided to San Bernardino Valley, the accompanying Return Water obligation and the Return Water received, and will provide the accounting for the previous year to each other every year by January 31st. San Bernardino Valley and CLAWA will promptly notify each other of any disagreement with the accounting and the parties will work together to resolve.
 - J. The total amount of Return Water to be returned to CLAWA may never exceed 8,000 acre-ft at any time.
 - K. Upon expiration of the agreement, CLAWA must take delivery of any remaining balance of Return Water within five (5) years after expiration of the agreement.

The Project would not require new construction, and/or alteration/improvements to existing facilities. The proposed water exchange would use existing facilities, and there would be no changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, no material changes to the operation of the SWP itself, or material changes to the existing use of CLAWA and San Bernardino's existing facilities.



H:\2024\24.0668\GIS\Pro\Pro-anrx-Man-created 26 Nov 2024

Sources: San Bernardino Co. GIS, 2024;
CLAWA.

Figure 1 - CLAWA Service Area
CLAWA and SBVMWD Multi-Year Water Exchange Project



0 3 6 9 Miles



H:\2024\2.4.0668\GIS\Pro\Pro.aprx: Map created 26 Nov 2024

Sources: San Bernardino Co. GIS, 2024; SBVMWD.

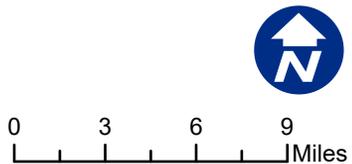
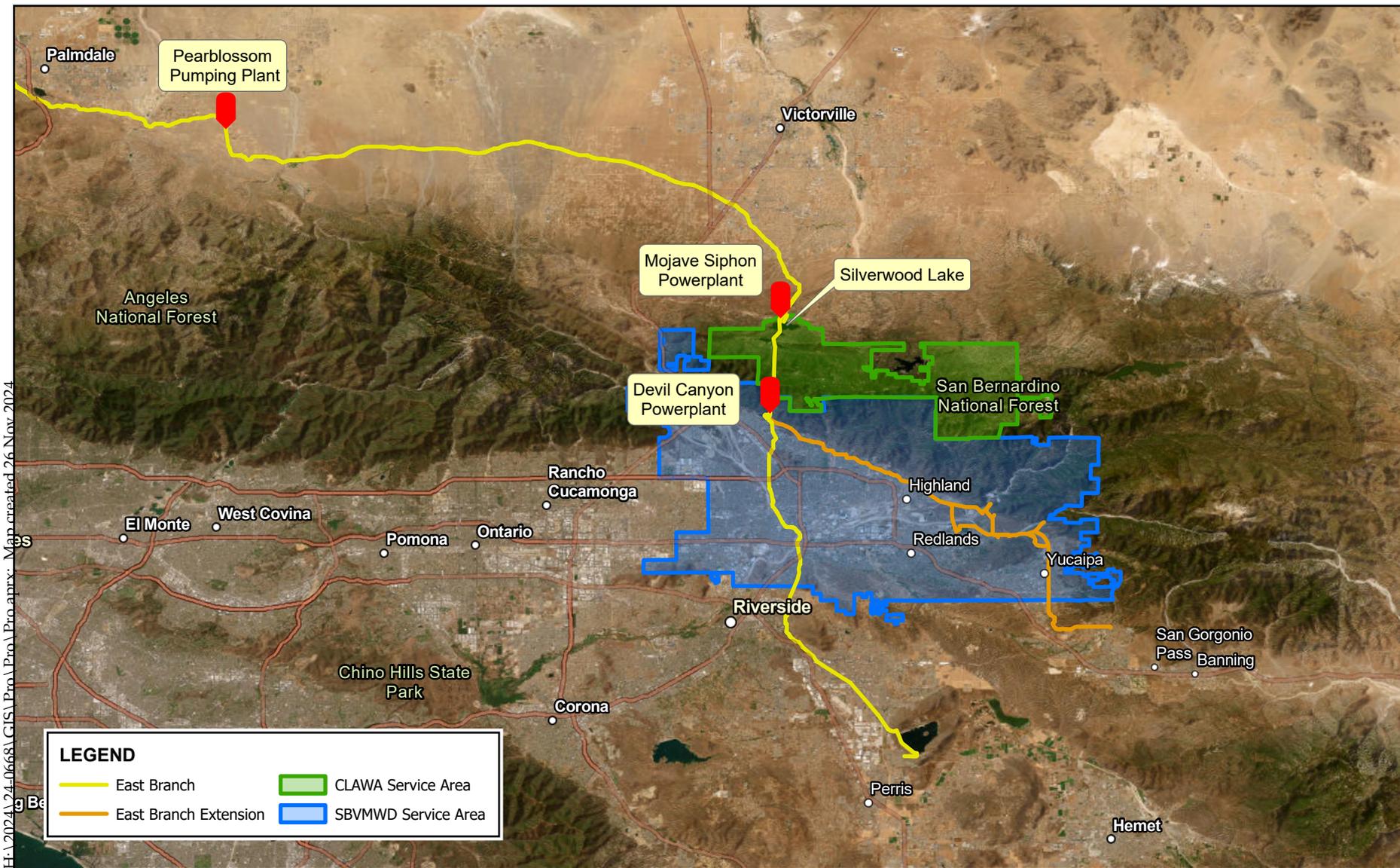


Figure 2 - SBVMWD Service Area
 CLAWA and SBVMWD Multi-Year Water Exchange Project



H:\2024\24-0668\GIS\Pro\Pro.aprx - Map created 26 Nov 2024

Sources: San Bernardino Co. GIS, 2024;
DWR SWP.

Figure 4 - State Water Project East Branch Conveyance
CLAWA and SBVMWD Multi-Year Water Exchange Project



0 10 20 30 Miles

III. ENVIRONMENTAL CHECKLIST FORM

1. Project title: **Crestline-Lake Arrowhead Water Agency and San Bernardino Valley Municipal Water District Proposed Multi-Year Water Exchange Project**

2. Lead Agency name and address: Crestline-Lake Arrowhead Water Agency (CLAWA)
24116 Crest Forest Drive
Crestline, CA 92325
(909) 338-1779

3 Contact person and phone number: Jennifer Spindler
24116 Crest Forest Drive
Crestline, CA 92325

4. Project location: San Bernardino County

5. Project sponsor's name and address: The proposed Project is a collaborative effort between Crestline-Lake Arrowhead Water Agency and the San Bernardino Valley Municipal Water District.

Crestline-Lake Arrowhead Water Agency
24116 Crest Forest Dr
Crestline, CA 92325
(909) 338-1779

San Bernardino Valley Municipal Water District
380 East Vanderbilt Way
San Bernardino, CA 92408
(909) 387-9200

6. General Plan Designation: CLAWA and San Bernardino Valley's service areas lie within the San Bernardino County General Plan which is comprised of Zoning Districts and Land Use Categories. Land uses within the CLAWA service area that receive SWP water are primarily Rural Living, Very Low Density Residential, Low Density Residential, and Commercial. San Bernardino Valley is a SWP wholesaler, supplying SWP water to multiple municipalities and other water agencies within southwest San Bernardino County. The area served by San Bernardino Valley is primarily municipal, and industrial.

7. Zoning: Land uses within CLAWAs service area are primarily open space, residential, and commercial. Land uses within San Bernardino Valley's service area are primarily zoned as residential, commercial, and industrial / business.

8. Project Description: This Initial Study provides a project-level analysis of the Crestline-Lake Arrowhead Water Agency and San Bernardino Valley Municipal Water District's Proposed Multi-Year Water Exchange Project. See Chapter 2, Project Description.

9. Surrounding land uses and setting: Zoning and Land Uses and Setting are generally described above and shown on Figure 5.

10. Other public agencies whose approval is required:

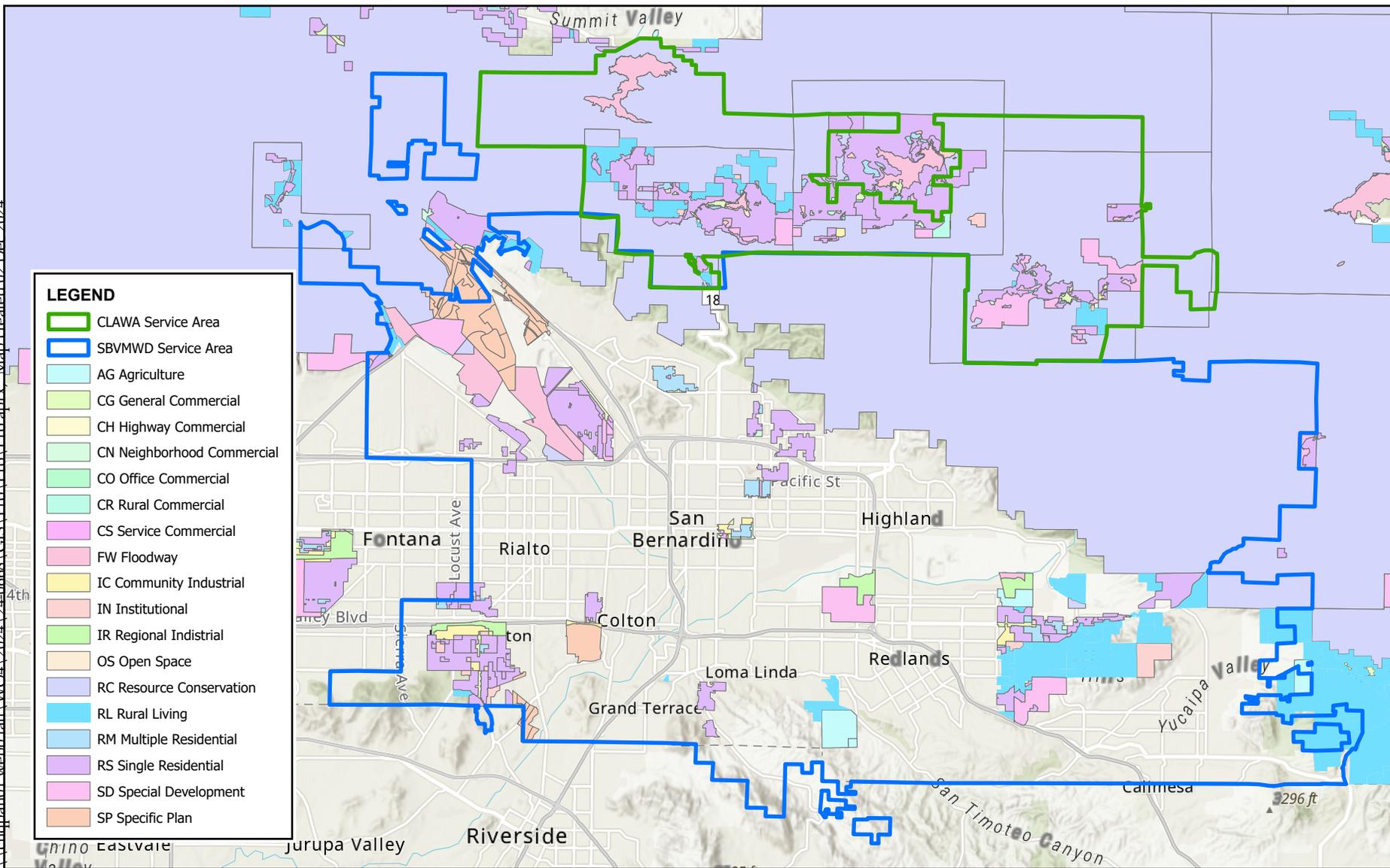
California Department of Water Resources (DWR) 715 P Street Sacramento, CA 95814 (916) 653-5791	DWR approves transfers and exchanges between State Water Contractors. In order to verify certain data, compliance with SWP agreement, proper document submittal. An acknowledgment letter from DWR will be provided so the water exchange can be tracked.
--	---

San Bernardino Valley Municipal Water District 380 East Vanderbilt Way San Bernardino, CA 92408 (909) 387-9200	San Bernardino Valley will be executing the water exchange agreement. This is a discretionary approval.
---	---

11. Have California Native American tribes traditionally and culturally affiliated with the project area requested consultation pursuant to Public Resources Code section 21080.3.1? If so, has consultation begun?

Yes. San Bernardino Valley, on behalf of CLAWA, submitted a request to the Native American Heritage Commission (NAHC) requesting a consultation list of tribes that are traditionally and culturally affiliated with the Project's geographic area. Subsequently, on July 24, 2024, pursuant to Assembly Bill 52 (AB 52), San Bernardino Valley provided "Notification of Tribal Consultation Opportunity" via certified/overnight mail on July 24, 2024, to all tribes listed by the NAHC on their supplied consultation list. A total of 20 tribes were notified. Details of tribe responses are discussed in Section 18 – Tribal Cultural Resources. No tribes requested consultation through AB-52 outreach.

\\chapman01.webb.lan\WO4\2024\24.0668\GIS\Pro\Pro.aprx: Map created 02 Dec 2024



Sources: San Bernardino Co. GIS, 2024;

Figure 5 - Land Use Category/Districts
CLAWA and SBVMWD Multi-Year Water Exchange Project



0 3 6 9 Miles

IV. ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED

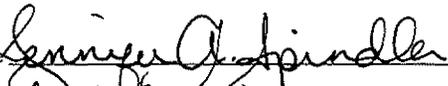
The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a “Potentially Significant Impact” as indicated by the checklist on the following pages:

- | | | |
|---|---|--|
| <input type="checkbox"/> Aesthetics | <input type="checkbox"/> Agriculture and Forestry Resources | <input type="checkbox"/> Air Quality |
| <input type="checkbox"/> Biological Resources | <input type="checkbox"/> Cultural Resources | <input type="checkbox"/> Geology/Soils |
| <input type="checkbox"/> Greenhouse Gas Emissions | <input type="checkbox"/> Hazards & Hazardous Materials | <input type="checkbox"/> Hydrology/Water Quality |
| <input type="checkbox"/> Land Use/Planning | <input type="checkbox"/> Mineral Resources | <input type="checkbox"/> Noise |
| <input type="checkbox"/> Population/Housing | <input type="checkbox"/> Public Services | <input type="checkbox"/> Recreation |
| <input type="checkbox"/> Transportation | <input type="checkbox"/> Tribal Cultural Resources | <input type="checkbox"/> Utilities/Service Systems |
| <input type="checkbox"/> Mandatory Findings of Significance | | |

V. DETERMINATION

On the basis of this initial evaluation (to be completed by Lead Agency):

- I find that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- I find that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described on an attached sheet have been added to the project. A MITIGATED NEGATIVE DECLARATION will be prepared.
- I find that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.
- I find that the proposed project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment, but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed.
- I find that although the proposed project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the proposed project.

Signature 
Printed Name Jennifer A. Spindler

Date 01/23/2025

VI. ENVIRONMENTAL CHECKLIST

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
1. AESTHETICS. Would the project:				
a. Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from public accessible vantage points.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.2, *Aesthetics of the Water Management Tools Final EIR, Project Description, Caltrans, San Bernardino County General Plan*)

Environmental Setting

Visual or aesthetic resources are comprised of both the natural and built features of the landscape that contribute to the public's experience and appreciation of the environment.

SWP conveyance facilities encompass existing water delivery facilities and service areas throughout the state of California. Existing facilities include the use of both natural stream channels and man-made features in Northern California that deliver water to the Delta. From the Delta, water is then pumped to the California Aqueduct system for delivery to SWP Contractors located south of the Delta. Land uses within the service area of the SWP include agricultural, residential, commercial, industrial, and open space uses.

The CLAWA service area is located in the San Bernardino Mountains in San Bernardino County. The visual character of the CLAWA service area is forested and mountainous and includes a number of man-made lakes. Land uses within CLAWA's service area are primarily open space, residential, and commercial.

San Bernardino Valley's service area is located within the valley area of San Bernardino County. The visual character of San Bernardino Valley's service area is primarily developed, with views of the mountains to the north and east. Land uses within San Bernardino Valley's service area are primarily zoned as residential, commercial, and industrial / business.

There are no state designated scenic highways located within CLAWA or San Bernardino Valley's service areas. However, there are several state eligible scenic highways. Within CLAWA's service area Route 2, Route 18, Route 330, Route 138 are state eligible scenic highways, and within San Bernardino Valley's service area Route 38 is a state eligible scenic highway.

Discussion

1.a-c **No Impact.** The proposed project is a collaborative effort between CLAWA and San Bernardino Valley, both of which are SWP Contractors, to provide flexibility in the management of CLAWA's allocated excess carryover SWP water. The project would involve a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and for CLAWA to receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and water return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

In addition, the project would not require new construction, and/or alteration/improvements to existing facilities. The proposed water exchange would use existing facilities, and there would be no changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, no material changes to the operation of the SWP itself, or material changes to the existing use of CLAWA and San Bernardino Valley's existing facilities. Therefore, the proposed project would not result in changes to land uses that could affect the existing visual character or quality and resources, including scenic vistas, scenic highways, or public views within the study area, and no impact would occur.

1.d. **No Impact.** Because the proposed project does not require new construction, and/or alteration/improvements to the SWP, CLAWA, and/or San Bernardino Valley's existing facilities, there would be no new sources of light or glare over existing conditions, and no impact would occur.

References

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014. (Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.)

Caltrans, *Scenic Highway Systems List and Officially Designated County Scenic Highways*, (Available at <https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways>, accessed November 2024.)

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
2. AGRICULTURAL and FORESTRY RESOURCES. In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. In determining whether impacts to forest resources, including timberland, are significant environmental effects, lead agencies may refer to information compiled by the California Department of Forestry and Fire Protection regarding the state's inventory of forest land, including the Forest and Range Assessment project and the Forest Legacy Assessment project; and forest carbon measurement methodology provided in Forest Protocols adopted by the California Air Resources Board. Would the project:				
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Result in the loss of forest land or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.3, *Agricultural and Forest Resources of the Water Management Tools Final EIR*, Project Description, Department of Conservation Farmland Mapper, Public Resources Code)

Environmental Setting

The California Department of Conservation (DOC) administers the Farmland Mapping and Monitoring Program (FMMP), California's statewide agricultural land inventory. Through this mapping effort, the DOC classifies farmland into four categories: Prime Farmland, Farmland of Statewide Importance, Unique Farmland, and Farmland of Local Importance. The study area in the Water Management Tools Final EIR includes the entire SWP service area which encompasses a large area of the State and all of the farmland categories. The CLAWA service area has a very small amount of Prime Farmland, and Grazing Land. San Bernardino Valley's service area has Prime Farmland, Farmland of Statewide Importance, Unique Farmland, and Farmland of Local Importance (DOC 2023).

The Williamson Act, also known as the California Land Conservation Act of 1965, enables local governments to enter contracts with private landowners for the purpose of restricting specific

parcels of land to agricultural or related open-space use (DOC 2023). Both CLAWA and San Bernardino Valley's service areas include a number of active Williamson Act contracts in place.

Forest land is defined as native tree cover greater than 10 percent that allows for management of timber, aesthetics, fish and wildlife, recreation, and other public benefits (California Public Resources Code [PRC] Section 12220(g)). Timberland, a subset of forest land, is defined by State law as land that is available for, and capable of, growing a crop of trees of any commercial species used to produce lumber and other forest products (PRC Section 4526), and can produce an average annual volume of wood fiber of at least 20 cubic feet per acre per year at its maximum production (PRC Section 51104(g)). Forest land is located within the service areas of both CLAWA and San Bernardino Valley.

Discussion

2.a-e No Impact. The project would not result in changes to the agricultural and forestry resources within the CLAWA and San Bernardino Valley service areas. The proposed project would involve a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The project would not require new construction, and/or alteration/improvements to existing facilities. The proposed water exchange would use existing facilities, and there would be no changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, no material changes to the operation of the SWP itself, or material changes to the existing use of CLAWA and San Bernardino Valley's existing facilities. As a result, the proposed multi-year exchange program between CLAWA and San Bernardino Valley would not result in changes to agricultural land or agricultural uses, nor would it result in changes to existing land use, or zoning for agricultural use, or a Williamson Act contract. Additionally, the proposed project would not result in a conversion of existing agricultural land, or, forest or timberland, or conflict with existing agriculture or forestry land policies or zoning. Consequently, no impact would occur.

References

California Department of Conservation (DOC). 2023. California Important Farmland Finder, <https://maps.conservation.ca.gov/DLRP/CIFF/>. Accessed October 2024

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014. (Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.).

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
3. AIR QUALITY. Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:				
a. Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(Sources: Section 5.4, *Air Quality of the Water Management Tools Final EIR, Project Description, SCAQMD, EPA*)

Environmental Setting

Air Quality is influenced by the rate, amount, and location of pollutant emissions and the atmosphere's ability to transport, transform, and dilute such emissions. Factors that affect pollutant movement and dispersal include meteorological conditions such as terrain, atmospheric stability, sunlight, wind, and wind directions. Within the study area, air quality conditions are influenced by topographic, meteorologic, and climate conditions, as well as the types and quantities of emissions released by air pollutant sources.

The CLAWA and San Bernardino Valley service areas are located within the South Coast Air Quality Management District (SCAQMD 2024). CLAWA's service area lies within the San Bernardino Mountains. The general climate and meteorology of the San Bernardino Mountains within the CLAWA service area affords a relatively good air quality index. In contrast, San Bernardino Valley's service area encompasses a heavily urbanized valley bordered by mountain ranges to the east and north. The general climate, meteorology, and topography within the San Bernardino Valley's service area attributes to the entrapment and creation of air pollution. The California Air Resources Board (CARB) and the Environmental Protection Agency (EPA) have designated portions of San Bernardino County as moderate, serious, and extreme for nine nonattainment areas (EPA 2024).

Discussion

3.a No Impact. Implementation of the proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities and therefore no ground-disturbing activities that would cause short-term increases in criteria air pollutants. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the existing use of CLAWA and San Bernardino Valley's existing facilities (San Bernardino Valley's existing facilities are of sufficient size and capacity to accept excess CLAWA SWP water without requiring system improvements). Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change.

Because the proposed project would not result in any construction activities, or change in operations of either the SWP, CLAWA, or San Bernardino Valley existing facilities, air quality emissions would be the same compared to existing conditions. Consequently, the proposed project would not obstruct implementation of the South Coast Air Quality Management District's Air Quality Management Plan (AQMP), and there would be no impact.

3.b-d Less Than Significant Impact. As described above, the proposed project would result in a multi-year water exchange program. The proposed project would use existing SWP, CLAWA, and San Bernardino Valley existing conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the existing use of CLAWA and San Bernardino Valley's existing facilities (San Bernardino Valley's existing facilities are of sufficient size and capacity to accept excess CLAWA SWP water without requiring system improvements). Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. Because the proposed project would not result in any construction activities, or change in operations of either the SWP, CLAWA, or San Bernardino Valley existing facilities, air quality emissions would be the same compared to existing conditions. Further, there would be no cumulatively considerable net increase of any criteria pollutant and no exposure of sensitive receptors to substantial pollutant concentrations. For these reasons impacts would be less than significant.

Air Quality Mitigation Measures

Air quality impacts resulting from the Project are less than significant; therefore, no mitigation is required.

References

South Coast Air Quality Management District (SCAQMD). 2024. District Boundaries. <https://www.aqmd.gov/home>. Accessed October 2024.

Environmental Protection Agency (EPA). 2024. Current Nonattainment Counties for All Criteria Pollutants. <https://www3.epa.gov/airquality/greenbook/ancl.html>. Accessed October 2024.

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
4. BIOLOGICAL RESOURCES. Would the project:				
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.5, *Biological Resources of the Water Management Tools Final EIR, Project Description*)

Environmental Setting

SWP conveyance facilities include water delivery facilities and service areas throughout the state of California. As a result, the SWP service area covers a range of topography, vegetation, and weather which support numerous and varied habitat types (i.e., riverine, lacustrine, estuarine, and terrestrial habitats).

CLAWA and San Bernardino Valley's service areas are located within San Bernardino County. CLAWAs service area lies within the San Bernardino Mountains, which supports a diverse assemblage of plant and animal species, and habitats. San Bernardino Valley's service area has been heavily urbanized which has significantly reduced habitat available to wildlife and plant species. The conversion from natural habitats to urbanized conditions within San Bernardino Valley's service area has resulted in the extirpation of several species, both plants and animals, and the significant decline of other species populations. The California Department of Fish and Wildlife (CDFW) and the United States Fish and Wildlife Service (USFWS), as directed by state and federal legislation, have identified many San Bernardino County species as candidate, sensitive, or special status.

Discussion

4.a-f No Impact. Implementation of the proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the existing use of CLAWA and San Bernardino Valley's existing facilities (San Bernardino Valley's existing facilities are of sufficient size and capacity to accept excess CLAWA SWP water without requiring system improvements). Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change.

Because the proposed project would not result in any construction activities, or change in operations of either the SWP, CLAWA, or San Bernardino Valley existing facilities, the proposed project would not affect species (listed as candidate, sensitive, or special-status) or riparian habitat or other sensitive natural communities identified in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife (CDFW) or U.S. Fish and Wildlife Service (USFWS). The project would also not affect state or federally protected wetlands, nor would it affect the movement species, including migratory fish species. The proposed project would not conflict with any local policies, ordinances, or conservation plans protecting biological resources (e.g., tree preservation policy or ordinance) in the study area, nor would it conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan. For these reasons there would be no impact.

References

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014. (Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.)

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
5. CULTURAL RESOURCES. Would the project:				
a. Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Cause a substantial adverse change in the significance of an archeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Disturb any human remains, including those interred outside of dedicated cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.6, *Cultural Resources of the Water Management Tools Final EIR, Project Description, AB 52 Consultation*)

Environmental Setting

Cultural resources are indigenous and historic-era sites, structures, districts, and landscapes, or other evidence associated with human activity considered important to a cultural, subculture, or a community for scientific, traditional, religious, or reasons. CEQA-defined resources include historical resources, archaeological resources, and human remains. Within the state of California, these resources include any object, building, structure, site, area, place, record, or manuscript that is historically or archaeologically significant.

San Bernardino County's historical development was largely shaped by several Native American tribes that occupied various regions. The Serrano occupied territories that ranged from low or moderately low desert to the mountain regions of the Transverse and Peninsular ranges. The Serrano were organized into clans, with the clan being the largest autonomous political entity. They lived in small villages where extended families lived in circular, dome-shaped structures made of willow frames covered with tule thatching. The Cahuilla occupied territories that ranged from low or moderately low desert to the mountain regions of the Transverse and Peninsular ranges. The Cahuilla settled in a territory that extended west to east from the present-day city of Riverside to the central portion of the Salton Sea in the Colorado Desert, and south to north from the San Jacinto Valley to the San Bernardino Mountains. Each lineage had a defined territory that, among the Cahuilla of the Coachella Valley desert, was formed around springs in mountain canyons and alluvial fans that spread from these canyons onto the desert floor. Villages in these canyons were occupied year-round. The Gabrielino also known as the Tongva (contemporary Gabrielino identify themselves as the descendants of the indigenous people living across the plains of the Los Angeles Basin and use the native term Tongva) established large, permanent villages in the fertile lowlands along rivers and streams and in sheltered areas along the coast, stretching from the foothills of the San Gabriel Mountains to the Pacific Ocean. Historic-era Tongva settlements in the San Bernardino Valley were primarily located at the base of the foothills and along perennial watercourses.

Discussion

5.a-c No Impact. The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be

used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the existing use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change.

Because the proposed project would result in no construction activities or change in operation or use of either the SWP, CLAWA, or San Bernardino Valley existing facilities, the proposed project would not affect historical resources (as defined in §15064.5), archaeological resources pursuant to §15064.5, or disturb human remains, burial sites or cemeteries. For these reasons there would be no impact to cultural resources.

References

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014. (Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.)

San Bernardino County, San Bernardino Countywide Plan Draft PEIR. June 17, 2019. Accessed November 18, 2024. (<https://countywideplan.com/resources/document-download/>)

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
6. ENERGY. Would the project:				
a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(Sources: Section 5.7, Energy of the Water Management Tools Final EIR, Project Description)

Environmental Setting

The SWP is one of the largest water and power systems in the world. SWP conveyance facilities span more than 705 miles from Northern California to southern California and include 36 storage facilities, 21 pumping plants, five hydroelectric power plants, four pumping-generating plants, and approximately 700 miles of canals, tunnels, and pipelines (DWR 2021). Energy is generated at various SWP facilities in Northern, Central, and Southern California for use in operation of SWP pumps and other facilities. Overall, the SWP is a net energy consumer because it uses more energy than it generates as a result of the extensive nature of delivering water supplies from Northern California to the San Francisco Bay area, the San Joaquin Valley, the Central Coast, and Southern California. On average the SWP generates approximately 6,500,000 megawatt hours of energy annually while consuming approximately 11,500,000 megawatt hours of energy annually. The average net annual power consumption for the SWP is approximately 5,000,000 megawatt hours.

The service areas of CLAWA and San Bernardino Valley are located near the very southern extent of the SWP system, along the East Branch of the SWP. SWP water delivered to both CLAWA and San Bernardino Valley is lifted approximately 540 feet at the Pearblossom Pumping Plant before it flows into Silverwood Lake after passing through the Mojave Siphon Powerplant. CLAWA's SWP water is taken directly from Silverwood Lake via its intake tower and pumped uphill into CLAWA's service area. SWP water delivery to San Bernardino Valley occurs south of Silverwood Lake, after the water has been routed through the Devil Canyon Powerplant. (Figure 4)

Under existing conditions, the SWP water delivered to San Bernardino Valley would travel downhill by gravity and generate electricity in the Devil Canyon Powerplant. CLAWA pumps uphill from Silverwood Lake in order to deliver water to their service area. There is no direct pipeline from San Bernardino Valley and CLAWA. Therefore, the return water that San Bernardino Valley would provide to CLAWA would be taken directly from Silverwood Lake.

The hydropower facilities used by the SWP, San Bernardino Valley, and CLAWA would not be modified, and no new facilities would be constructed as part of this Project. The current Table A allocation for CLAWA is 5,800 AF and San Bernardino Valley is 102,600 AF. Once an annual Table A allocation is provided the SWP Contractors cannot exceed their respective allotted allocations. The timing and amount of excess carryover water CLAWA requests from San Bernardino may vary, therefore energy use throughout the above-mentioned hydropower facilities will vary. However, energy consumption and

costs were analyzed in the Water Management Tools FEIR with the current distribution and storage facilities and these components will not change. Therefore, the timing of energy use may vary, but will not exceed the maximum amount already determined by the maximum Table A allocations.

Discussion

6.a-b Less than Significant Impact. The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the existing use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change.

The service areas of CLAWA and San Bernardino Valley are located near the southern extent of the SWP system, along the East Branch of the SWP. SWP water delivered to both CLAWA and San Bernardino Valley is lifted approximately 540 feet at the Pearblossom Pumping Plant before it flows into Silverwood Lake after passing through the Mojave Siphon Powerplant. CLAWA takes its SWP water directly out of Silverwood Lake. Delivery of SWP water into the CLAWA service area requires pumping, as CLAWA's customers are all located at an elevation higher than Silverwood Lake. SWP water delivery to San Bernardino Valley occurs south of Silverwood Lake, after the water has been routed through the Devil Canyon Powerplant. Implementation of the proposed project would involve a reduction in energy consumption, and an increase in energy production, for the water that is transferred to San Bernardino Valley. This is because water transferred to San Bernardino Valley would not need to be pumped to a higher elevation into CLAWA's service area and would instead generate energy as it passes through the Devil Canyon Powerplant. Return water to CLAWA would be SWP water diverted from Silverwood Lake, which would require pumping to a higher elevation.

There may be changes to the frequency, duration, and timing of allocated Table A water to the SWP Contractors which could result in changes to energy use. Although the exact amount and timing of CLAWA's request for their carryover water is not known at this time, the request for water will not exceed CLAWA's Table A allocation of 5,800 AF. CLAWA will only be able to pump 50% of the excess carryover water being stored by San Bernardino Valley. CLAWA can pump at any time and withdraw in any increment but they cannot exceed their Table A allocation of 5,800 AF. Therefore, since the overall pumping from CLAWA will not exceed the 5,800 AF which is the Table A allocations for the SWP Contractors, this amount of water use is consistent and will not change from what has been analyzed in the Water Management Tools Final EIR. As such, there

will be no new facilities or expansion of existing facilities and therefore, long-term impacts of operating and maintaining new or modified facilities would not occur and there would be no inefficient, wasteful, or unnecessary long-term consumption of energy or changes in hydropower generation. Further, the proposed project would not conflict with or obstruct a state or local plan for renewable energy or energy efficiency and impacts related to energy would be less than significant.

Energy Mitigation Measures

Energy impacts resulting from the Project are less than significant; therefore, no mitigation is required.

References

California Department of Water Resources (DWR). 2021. Management of the California State Water Project Bulletin 132-2021 July 2024. <https://water.ca.gov/programs/state-water-project/management/bulletin-132>. Accessed October 2024.

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
7 GEOLOGY AND SOILS. Would the project :				
a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii. Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii. Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv. Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Have soils incapable of adequately supporting the use of septic tanks or alternative waste water disposal systems where sewers are not available for the disposal of waste water?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.8, *Geology, Soils, and Minerals of the Water Management Tools Final EIR, Project Description*)

Environmental Setting

SWP conveyance facilities include water delivery facilities and service areas throughout the state of California. Because of the geographic expanse of the SWP system, facilities are located in areas that include a wide range of geological conditions, ranging from areas with low seismic activity to areas with more seismic activity. Geological conditions are considered by agencies when approving projects to reduce risks associated with geological characteristics of the local area.

SWP facilities also experience varied climate, topography, land uses, and underlying soil materials that have different physical and chemical characteristics. Landforms include floodplains, basin rim/valley floor, terraces, foothills/mountains, and each of these landforms have varied soils.

The service areas of both CLAWA and San Bernardino Valley are located within San Bernardino County which is subject to numerous seismic and geologic hazards such as seismic activity (earthquake-induced phenomena, such as fault rupture, ground shaking, liquefaction, seismically-generated

subsidence, landslide/mudslide or mudflow), non-seismic subsidence, and erosion (San Bernardino County 2007).

Discussion

7.a.i-iv No Impact. The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. Therefore, because the proposed project would not result in activities that would cause direct or indirect adverse effects related to earthquakes, seismic activities, or landslides, there would be no impact.

7.b No Impact. The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the existing use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. Therefore, because the proposed project would not result in exposure of soils to erosion or loss of topsoil, there would be no impact.

7.c-d No Impact. The study area encompasses many areas subject to unstable or expansive soils under existing conditions. However, for the reasons described previously, implementation of the proposed project would not result in new structures or activities located on unstable or expansive soils and there would be no impact.

-
- 7.e **No Impact.** The proposed project would not include the use of septic tanks or alternative wastewater disposal systems and there would be no impact.
- 7.f **No Impact.** As described previously, the proposed project would not result in any ground disturbing activities, and, therefore, there would be no impact on paleontological resources.

References

San Bernardino County, County of San Bernardino 2007 General Plan. Amended April 24, 2014.
(Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
8. GREENHOUSE GAS EMISSIONS. Would the project:				
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(Sources: Section 5.9, *Greenhouse Gas Emissions of the Water Management Tools Final EIR*, including information from DWR's Greenhouse Gas Emissions Reduction Plan (GGERP) Update 2020 to reduce greenhouse gas emissions; Project Description).

Environmental Setting

“Global warming” and “global climate change” are terms used to characterize the increase in the average temperature of the earth’s near-surface air and oceans since the mid-20th century and its projected continuation. Natural processes, such as solar radiation and volcanoes, also contribute to the creation of this warming. Global warming/climate change is the result of greenhouse gases (GHGs) that trap heat in the atmosphere and prevent the reflection of solar radiation back into space. While some of these GHGs occur naturally, over the past 100 years, human activities have substantially increased the concentration of GHGs (Carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆)) in our atmosphere which has increased average global temperatures. The source of these GHGs are largely from the combustion of fossil fuels, off-gassing, natural gas leaks from pipelines and industrial process, and incomplete combustion, agricultural practices, landfills, energy providers, and other facilities.

CO₂ is the reference gas for climate change because it is the predominant GHG emitted. The effect that each gas can have on global warming is a combination of the mass of their emissions and their global warming potential (GWP). GWP indicates, on a volume basis, how much a gas contributes to global warming relative to how much warming would be predicted to be caused by the same mass of CO₂. CH₄ and N₂O are substantially more potent GHGs than CO₂, with 100-year GWPs of 25 and 298 times that of CO₂, respectively (CARB, 2020).

In emissions inventories, GHG emissions are generally reported in metric tons of CO₂ equivalents (MTCO₂e). CO₂e is calculated as the product of the mass emitted of a given GHG and its specific GWP. While CH₄ and N₂O have much higher GWPs than CO₂, CO₂ is emitted in such vastly higher quantities that it accounts for the majority of GHG emissions, both from residential developments and from human activity.

Discussion

8.a-b **Less Than Significant Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery,

and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities therefore, there would be no short-term impact that would cause an increase in GHG emissions. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself (including implementation of the GGERP), or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. Therefore, the proposed project would not result in changes to operations or maintenance of existing facilities that could increase GHG emissions. Further, because the transfer of excess CLAWA SWP water to SBVMWD would result in less pumping (because the water would not need to be pumped to a higher elevation to CLAWA's service area), the proposed project would not result in a long-term increase in energy use. Consequently, the proposed project would not result in an increase in GHG emissions, nor would the proposed project conflict with any applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions and the impacts would be less than significant.

References

California Air Resources Board (CARB). 2024. 2000-2022 GHG Inventory (2024 Edition). <https://ww2.arb.ca.gov/ghg-inventory-data>. Accessed October, 2024.

Department of Water Resources (DWR). 2012. Final Climate Action Plan Phase I: Greenhouse Gas Emissions Reduction Plan (GGERP) (Updated 2023). <https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/All-Programs/Climate-Change-Program/Climate-Action-Plan/Files/Exhibit-C-CAP-Phase-1-Update-2023.pdf>. Accessed November 2024.

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
9. HAZARDS AND HAZARDOUS MATERIALS. Would the project:				
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.11, *Hazards and Hazardous Materials of the Water Management Tools Final EIR*, Project Description).

Environmental Setting

The proposed project study area includes the SWP service area, which includes the service areas of CLAWA and San Bernardino Valley. The SWP service area includes water delivery facilities and service areas throughout the state of California in environments ranging from rural to urban with a wide range of use of various hazardous materials.

Materials and waste may be considered hazardous if they are poisonous (toxicity), can be ignited by open flame (ignitability), corrode other materials (corrosivity), or react violently, explode or generate vapors when mixed with water (reactivity). The term “hazardous material” is defined in law as any material that, because of quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment¹. In some cases, past uses can result in spills or leaks of hazardous materials to the ground, resulting in soil and

¹ State of California, Health and Safety Code, Chapter 6.95, Section 25501(o).

groundwater contamination. The use, storage, transportation, and disposal of hazardous materials are subject to numerous federal, State, and local laws and regulations.

The San Bernardino Valley service area spans multiple municipalities and is primarily located within a Local Responsibility Area (LRA) where each city is responsible for fire suppression within their respective boundaries. The CLAWA service area is located within a Federal Responsibility Area (FRA). The CLAWA service area, and the northern perimeter of the San Bernardino Valley service area are located in areas of very high wildfire risk (CAL FIRE 2024).

Discussion

9.a-b **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change.

Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities, the project would not create a significant hazard to the public or environment through the routine transport, use, or disposal of hazardous materials. The proposed project also would not create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment. Consequently, there would be no impact.

9.c **No Impact.** Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities, the project would not result in changes to hazardous emissions, the handling of hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school. Consequently, there would be no impact.

9.d. **No Impact.** Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, the project would not be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section

65962.5 and, would it create a significant hazard to the public or the environment. Consequently, there would be no impact.

- 9.e. **No Impact.** Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities, the project would not result in a safety hazard or excessive noise for people residing or working in the project area. Consequently, there would be no impact.
- 9.f. **No Impact.** Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities, the project would not impair the implementation of, or physically interfere with an adopted emergency response plan or emergency evacuation plan. Consequently, there would be no impact.
- 9.g. **No Impact.** Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities, the project would not expose people or structures, either directly or indirectly, to a significant loss, injury, or death involving wildland fires. Consequently, there would be no impact.

References

Cal Fire .2024. Fire Resources Assessment Program FHSZ View. Accessed October 2024.
<https://egis.fire.ca.gov/FHSZ/>

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014.
(Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.)

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
10. HYDROLOGY AND WATER QUALITY. Would the project:				
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
i. result in substantial erosion or siltation on- or off-site;	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ii. substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iii. create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
iv. impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.10, *Groundwater Hydrology and Water Quality of the Water Management Tools Final EIR*, Project Description).

Environmental Setting

SWP conveyance facilities include water delivery facilities and service areas throughout the State of California. These facilities include the use of natural stream channels in Northern California that deliver water to the Delta. Water is then pumped to the California Aqueduct system for delivery to Contractors located south of the Delta. The SWP facilities are located in the Sacramento River Hydrologic Region, San Joaquin River Hydrologic Region, the Tulare Lake Hydrologic Region, the Delta Region (including the San Francisco Bay area watersheds), Central Coast Hydrologic Region, and the Southern California region (including the Colorado River, Lahontan, and South Coast hydrologic regions). More than 70 percent of California's groundwater extraction occurs in the Central Valley from Tulare Lake, San Joaquin River, and Sacramento River hydrologic regions combined. Regional and statewide surface and groundwater quality are monitored and regulated through numerous State regulatory agencies.

Variability and uncertainty are the dominant characteristics of California's water resources.

Precipitation is the primary source of California's water supply. Precipitation in California varies greatly from year to year, by season, and geographically throughout the State. To cope with this hydrologic

variability and also manage floods during wet years, State, federal, and local agencies have constructed a vast interconnected system of surface reservoirs, aqueducts, and water diversion facilities over the last hundred years. These projects have worked together to make water available at the right places and times and to move floodwaters. In the past, this system has allowed California to meet most of its agricultural and urban water management objectives and flood management objectives (DWR, 2023).

The CLAWA and San Bernardino Valley service areas are in San Bernardino County. CLAWA's service area is located within the San Bernardino Mountains and SWP supplies are the principal source of water supply to CLAWA. The local water suppliers within CLAWA's service area also rely on local fractured bedrock wells and surface water.

San Bernardino Valley's service area is located within the valley area of southwest San Bernardino County. Surface water is the principal source of water supply in this area (representing approximately 67%) and is used conjunctively with surface water returned to the groundwater aquifer, and imported SWP water (San Bernardino County 2007).

The timing of when CLAWA will access the carryover excess water from San Bernardino Valley are not known. Exchanges may be used more frequently to respond to variations in climate, and hydrology, such as during dry-years. Regardless, the proposed exchange agreement dictates that CLAWA and San Bernardino Valley would not exceed their annual Table A allocations and that the exchange of water was already contemplated in the Water Management Tools FEIR.

Discussion

- 10.a. **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Therefore, there would be no increase to impervious surface cover, and therefore, no change in groundwater recharge potential or effect to groundwater quality. There would be no construction-related discharge of pollutants that could travel to underlying aquifers and degrade local groundwater quality. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities, the project would not violate water quality

standards, waste discharge requirements, or degrade surface or groundwater quality. Consequently, there would be no impact.

- 10.b. **No Impact.** Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities. There would be no increase in impervious surface cover, and therefore, no change in groundwater recharge potential that would impede sustainable groundwater management of the basin. The project would not decrease groundwater supplies or interfere with groundwater recharge, and there would be no impact.
- 10.c.i-iv. **No Impact.** Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities. there would be no construction-related discharge of pollutants surface or ground waters. Long-term impacts of operating and maintaining these facilities would not occur and there would be no release of pollutants into surface or ground waters that could violate any water quality standards or waste discharge requirements or substantially degrade water quality in the long-term. There would be no change to existing drainage patterns, including the course of a stream or river or through the addition of impervious surfaces, and there would be no impact.
- 10.d. **No Impact.** Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities, there would be no change in risk of hazardous materials release from flood hazard, tsunami, or seiche zones, or risk of release of pollutants due to project inundation. Consequently, there would be no impact.
- 10.e. **No Impact.** Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities, the project would not conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan, and there would be no impact.

References

California Department of Water Resources (DWR). 2023. California Water Plan Update 2023. <https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/California-Water-Plan/Docs/Update2023/Final/California-Water-Plan-Update-2023.pdf>. Accessed October 2024.

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014. (Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.)

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
11. LAND USE PLANNING. Would the project				
a. Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.12, *Land Use and Planning of the Water Management Tools Final EIR*, Project Description).

Environmental Setting

The SWP conveyance facilities are located throughout the State of California, within areas of varying land use designations. Land uses within the CLAWA service area are primarily open space, residential, and commercial uses. Land uses within the San Bernardino Valley service area are primarily residential, commercial, and industrial / business.

Discussion

11.a-b. **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities, the project would physically divide an established community, or conflict with any applicable land use plan, policy, or regulation. Consequently, there would be no impact.

References

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014. (Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.).

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
12. MINERAL RESOURCES. Would the project:				
a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.8, *Geology, Soils, and Minerals of the Water Management Tools Final EIR*, Project Description, DOC).

Environmental Setting

The SWP conveyance facilities span a large portion of California and are located within varied geological formations and regions. Across the State the formations and regions contain multiple types of mineral resources including gold, silver, iron, clays, bentonite clay, aggregate, feldspar, gemstones, gypsum, iron ore (used in cement manufacturing), lime, magnesium compounds, perlite, pumice, salt, soda ash, and zeolites (DOC 2015).

The CLAWA and San Bernardino Valley service areas are located in San Bernardino County which has many existing mineral resource operations. Some of the area's valuable mineral resources include Volcanic Cinder, Rare Earth, Clays, Sand, Gravel, Limestone, Saline Compounds, Silica, Gold, Silver, Talc, Alumina and others (San Bernardino County 2007).

Discussion

12.a-b. **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities, the project would not result in the loss of availability of mineral resources, including locally important mineral resources. Consequently, there would be no impact.

References

Department of Conservation (DOC). 2015. CGS Information Warehouse: Regulatory Maps. Available at <https://maps.conservation.ca.gov/cgs/informationwarehouse/>, Accessed October 2024.

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014.
(Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.)

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
13. NOISE. Would the project result in:				
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.13, *Noise of the Water Management Tools Final EIR*, Project Description).

Environmental Setting

The SWP conveyance facilities span a large portion of California, and the CLAWA and San Bernardino Valley service areas are located within San Bernardino County. Land uses across the SWP, CLAWA, and San Bernardino Valley service areas vary (e.g., residential, industrial, commercial / business, and open space), with each land use producing a range of noise sources. Noise sources within these land uses may include roadway traffic, railroads, and airports, with roadway traffic being the most substantial source due to its consistent nature compared to the periodic noise from railroads and airports. Stationary sources of noise are also associated with industrial, commercial, and mining operations.

Major roadways within San Bernardino County include Interstate 15 (I-15), I-10, I-215, and State Route 60 (SR-60) and SR-91. There are a number of airports within San Bernardino County, including San Bernardino International Airport. Railroads also run through San Bernardino County.

Discussion

13.a-c. **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San

Bernardino Valley would also not change. Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities, the project would not result in an increase in ambient noise levels, groundborne vibration or noise levels that could result in exceeding standards established in a local general plan, noise ordinance, applicable standard of other agencies, or within a private airstrip or an airport land use plan. Consequently, no impact would occur.

References

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014. (Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.)

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
14. POPULATION AND HOUSING. Would the project:				
a. Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.14, *Population, Employment, and Housing of the Water Management Tools Final EIR*, Project Description).

Environmental Setting

As of 2020, there were approximately 331.4 million people in the State of California (Census 2020). Two of every three Californians receives drinking water from the SWP, that is approximately 27 million people receive a portion of their drinking water from the SWP across the State as of April 23, 2024 an increase would provide an additional 420,000 acre-feet of water, enough water to serve an estimated additional 1.5 million households for a year. (DWR 2024). The population of San Bernardino County is approximately 2.18 million.

Discussion

14.a-b. **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. Because the proposed project would not require new construction and/or alteration/improvements to existing facilities, and there would be no change to the operation of the SWP itself, or changes to the use of CLAWA and San Bernardino Valley's existing facilities, the project would not result in housing being constructed or the extension of

roads or other infrastructure. Further, the project would not displace housing or people. Consequently, there would be no impact.

References

California Department of Water Resources (DWR). 2024. State Water Project Increases Projected Water Supply Allocation. <https://water.ca.gov/News/News-Releases/2024/Apr-24/State-Water-Project-Increases-Projected-Water-Supply-Allocation>. Accessed November 2024.

California Department of Water Resources (DWR). 2020b. State Water Project. <https://water.ca.gov/Programs/State-Water-Project>. Accessed November 22, 2020.

United States Census Bureau (Census). 2020. Quickfacts California. <https://www.census.gov/quickfacts/CA>. Accessed November 22, 2020.

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
15. PUBLIC SERVICES. Would the project:				
Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
a. Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.15, *Public Services and Recreation of the Water Management Tools Final EIR*, Project Description).

Environmental Setting

Public services consist of physical assets and community services important to maintaining the welfare and livability of a community. Public services include police and fire protection, schools, the provisions of parks and recreation facilities. The SWP service area, which includes the service areas of CLAWA and San Bernardino Valley includes numerous public services, including federal, state, and local police and fire protection stations and units, public and private schools, and parks.

Discussion

15.a-e. **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. Because the proposed project would not result in new housing or an increase in population within CLAWA or San Bernardino Valley's service areas,

there would be no increase in demand for public services. Consequently, there would be no impact.

References

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014. (Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.).

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
16. RECREATION.				
a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.15, *Public Services and Recreation of the Water Management Tools Final EIR*, Project Description).

Environmental Setting

The SWP service area, which includes the service areas of CLAWA and San Bernardino Valley supports an abundance of recreational resources and opportunities including, but not limited to, biking, boating, golfing, hiking, horseback riding, off-road trails, hunting, fishing, camping, bicycling, and swimming.

Discussion

16.a-b. **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. Because the proposed project would not result in an increase in the use of existing recreational facilities or require the construction or expansion of recreational facilities. Consequently, there would be no impact.

References

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014. (Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.)

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
17. TRANSPORTATION. Would the project:				
a. Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Would the project conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.18, *Transportation of the Water Management Tools Final EIR*, Project Description).

Environmental Setting

The SWP service area, which includes the service areas of CLAWA and San Bernardino Valley has a comprehensive transportation system supporting multiple transportation and circulation conditions and includes state and federal highways, local roads, collector streets, urban arterials, rural highways and streets, railroads, airports, and pedestrian, bicycle, and transit facilities.

Discussion

17.a-d. **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. The proposed project would not conflict with a program, plan, ordinance or policy, conflict with CEQA Guidelines section 15064.3 subdivision (b), substantially increase hazards to a geometric design feature or incompatible uses, or result in inadequate emergency access; consequently, there would be no impact.

References

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014.
(Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.)

	Potentially Significant Impact	Less Than Significant with Mitigation Incorporated	Less Than Significant Impact	No Impact
18. TRIBAL CULTURAL RESOURCES. Would the project cause a substantial adverse change in the significance of a tribal cultural resources, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that:				
a. Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k), or	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.17, Tribal Cultural Resources of the Water Management Tools Final EIR, , Project Description, AB 52 Consultation Process).

Environmental Setting

Tribal cultural resources are defined in Public Resources Code Section 21074, are sites, features, places, cultural landscapes, sacred places, and objects with cultural value to a California Native American tribe that are listed, determined to be eligible for listing, on the national, state, or local register of historical resources. These resources can include both prehistoric archaeological sites and Native American human remains and can be found in areas below historic soil disturbance.

Discussion

18.a-b. **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change.

San Bernardino Valley, on behalf of CLAWA, submitted a request to the Native American Heritage Commission (NAHC) requesting a consultation list of tribes that are traditionally and culturally affiliated with the Project's geographic area. Subsequently, on July 24, 2024, pursuant to AB 52, San Bernardino Valley provided "Notification of Tribal Consultation Opportunity" via certified/overnight mail on July 24, 2024, to all tribes listed by the NAHC on their supplied consultation list. A total of 20 tribes were notified.

As of October 7, 2024, responses were received from five tribes (Agua Caliente Band of Cahuilla Indians, Augustine Band of Cahuilla Indians, Morongo Band of Mission Indians, Rincon Band of Luiseño Indians, and San Manuel Band of Mission Indians).

On July 25, 2024, the Augustine Band of Cahuilla Indians responded that they were unaware of specific cultural resources that may be affected by the Project, but requested immediate contact for further evaluation should cultural resources be discovered during development of the Project.

On July 30, 2024, the San Manuel Band of Mission Indians (SMBMI) responded that the project is within the Serrano ancestral territory and is of interest to the Tribe, but due to the nature of the project, they do not have any concerns with the project's implementation, as planned. SMBMI requested the inclusion of Cultural, and Tribal Cultural Resource Mitigation Measures if Project plans change and ground disturbance is required.

On August 15, 2024, the Agua Caliente Band of Cahuilla Indians (ACBCI) responded that the Project is not located within the boundaries of the ACBCI Reservation, but it is within the Tribe's Traditional Use Area, but they have no concerns regarding the project.

On August 29, 2024, the Morongo Band of Mission Indians Tribal Historic Preservation Office (MBMI THPO) responded that because the project would not involve new construction and/or alteration/improvements to existing facilities they have no comments. However, MBMI THPO indicated that if the Project changed and new construction and/or alteration/improvements to existing facilities were needed, the Project would be of interest to MBMI THPO.

On September 10, 2024, the Rincon Band of Luiseño Indians responded that they had no additional information to provide and recommend that a Tribe closer to the project be contacted.

None of the responding tribes expressed concern with the project and no AB-52 consultations were requested.

Because the project would not result in ground disturbing activities and the existing condition would not change it would not impact tribal cultural resources listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources, or impact as defined in Public Resources Code section 5020.1(k), or impact a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. Consequently, there will be no impact.

References

San Bernardino County, *San Bernardino Countywide Plan Draft PEIR Section 5.17 Tribal Cultural Resources*. June 17, 2019. Accessed November 18, 2024.
(<https://countywideplan.com/resources/document-download/>)

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
19. UTILITIES AND SERVICE SYSTEMS. Would the project:				
a. Require or result in the relocation or construction of new water or expanded wastewater treatment or storm water drainage, electric power, natural gas, or telecommunication facilities or the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry and multiple dry years?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
e. Comply with federal, state, and local management and reduction statutes and regulation related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.19, *Utilities and Services Systems* and 5.20, *Water Supply of the Water Management Tools Final EIR*, Project Description).

Environmental Setting

SWP conveyance facilities include water delivery facilities and service areas throughout the state of California that provide drinking water and irrigation water. These facilities include the use of natural stream channels in Northern California that deliver water to the Delta. Water is then pumped to the California Aqueduct system for delivery to SWP Contractors located south of the Delta.

Water supply in the service areas of CLAWA and San Bernardino Valley is provided by local surface water, groundwater, and water from the SWP.

CLAWA is allocated a maximum of 5,800 AF from "Table A" of SWP water. CLAWA is primarily a water wholesaler and does not provide any other utilities such as wastewater, storm water, recycled water. These other utilities are provided to CLAWA's service area by other providers.

San Bernardino Valley is allocated a maximum of 102,600 AF from "Table A" of SWP water. San Bernardino Valley provides supplemental water to the San Bernardino Valley and has many functions authorized under the Water Code including recreation, electrical power, sewage, waste and storm water disposal and fire protection. San Bernardino Valley wholesales SWP supplies to retail purveyors and manages groundwater storage within its boundaries.

Discussion

19.a-e. **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP

water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. The proposed project would not require or result in the relocation or construction of new or expanded water, wastewater treatment facilities, wastewater treatment capacity, storm water drainage facilities, or electric power, natural gas, or telecommunications facilities and would not require additional water supplies. Further, the project would not generate solid waste nor would it impact federal, state, and local management and reduction statutes and regulations related to solid waste. Consequently, there would be no impact.

References

San Bernardino County, *County of San Bernardino 2007 General Plan*. Amended April 24, 2014. (Available at <http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf>, accessed November 2024.)

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
20. WILDFIRE. If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:				
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to, pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Sources: Section 5.11, Hazards and Hazardous Materials of the Water Management Tools Final EIR, Project Description).

Environmental Setting

Wildfire is the outcome of several variables, primarily weather (temperature, humidity, and wind), vegetation, topography, and human influences, which combine to produce regional and local severity zones. The Department of Forestry and Fire Protection (CAL FIRE) developed a fire hazard severity scale that considers vegetation, climate, and slope to evaluate the level of wildfire hazard, and identifies three levels of fire hazards severity (moderate, high, and very high) to indicate the severity of fire hazards in a particular geographic area.

Within the SWP service area, wildland fire poses a threat to both persons and property throughout a majority of California. CLAWA's service areas wildfire hazards range from high to very high (CAL FIRE 2024). Much of San Bernardino Valley's service area has been developed, but the northern perimeter of the service area lies at the urban-wildland interface. Within these areas wildfire hazards range from high to very high (CAL FIRE 2024).

Discussion

20.a-d. **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP.

The proposed project would use existing SWP, CLAWA, and San Bernardino Valley conveyance and distribution facilities. The project would not require new construction, and/or alteration/improvements to existing facilities. Further, the project would not involve changes to the maximum volume of allocated SWP water to either CLAWA or San Bernardino Valley, material changes to the operation of the SWP itself, or material changes to the use of CLAWA and San Bernardino Valley's existing facilities. Proposed use of SWP water by CLAWA and San Bernardino Valley would also not change. The proposed project would not substantially impair an adopted emergency response plan or emergency evacuation plan, exacerbate wildfire risks, or expose people or structures to runoff caused by post-fire slope instability or drainage changes to areas located in or near state responsibility areas or lands classified as very high fire hazard severity zones. Consequently, there would be no impact.

References

Cal Fire, Fire Resources Assessment Program, FHSZ View. (Available at <https://egis.fire.ca.gov/FHSZ/>, accessed October 2024.)

	<i>Potentially Significant Impact</i>	<i>Less Than Significant with Mitigation Incorporated</i>	<i>Less Than Significant Impact</i>	<i>No Impact</i>
21. MANDATORY FINDINGS OF SIGNIFICANCE.				
a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or an endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b. Does the project have impacts that are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
c. Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(Source: Above Initial Study)

Discussion

21.a **No Impact.** This Initial Study provides a project-level analysis of the potential environmental impacts that would result with implementation the CLAWA and San Bernardino Valley Multi-Year Water Exchange Project. The impacts of the exchange contemplated herein were already identified and fully evaluated under CEQA in the Water Management Tools FEIR.

Potential to Degrade the Quality of Environment: As indicated in the foregoing analysis, the Project does not have the potential to degrade the quality of the environment.

Potential to Impact Biological Resources: As discussed in Threshold 4, Biological Resources, implementation of the proposed Project would not:

- *substantially reduce the habitat of a fish or wildlife species;*
- *cause a fish or wildlife population to drop below self-sustaining levels; or*
- *threaten to eliminate a plant or animal community.*

Because the project would not result in any construction activities, or change in operations of either the SWP, CLAWA, or San Bernardino Valley existing facilities, the proposed project would not impact biological resources and there would be no impacts related to biological resources.

Potential to Eliminate Important Examples of the Major Periods of California History or Prehistory: As discussed in Section 5, Cultural Resources, because the proposed project would result in no construction activities or change in operation or use of either the SWP, CLAWA, or San Bernardino

Valley existing facilities, the proposed project would not affect historical resources (as defined in §15064.5), archaeological resources pursuant to §15064.5, or disturb human remains, burial sites or cemeteries. Regarding archaeological resources, responses from Tribes that were consulted during AB-52 suggest there will be no impacts to archaeological resources due to the nature of the project. Therefore, the proposed project would not eliminate important examples of the major periods of California History or Prehistory and there would be no impacts related to California history or prehistory.

- 21.b **No Impact.** The proposed project would result in a multi-year water exchange program whereby San Bernardino Valley, at the request of CLAWA, would accept excess CLAWA carryover SWP water during periods when CLAWA is unable to accept delivery, and CLAWA would receive return water from San Bernardino Valley. Water received by San Bernardino Valley would be used within San Bernardino Valley's service area, and return water, received by CLAWA from San Bernardino Valley, would be used within CLAWA's service area. The proposed project would not change the amount of SWP water available for allocation to other SWP Contractors in any year and would not result in changes to the operation of the SWP. San Bernardino Valley and CLAWA are developing this exchange program well within the rights and authorities they possess as State Water Contractors to put SWP water to beneficial use. Because the project will not require new construction and/or alternation/improvements to existing facilities, no changes in maximum volume of allocated SWP water, no material changes to the operation of the SWP or CLAWA, or San Bernardino Valley, and the use of the SWP water would not change the project would not have cumulative considerable impacts and there would be no impacts.
- 21.c **Less Than Significant Impact.** Effects on human beings were evaluated as part of the aesthetics, air quality, geology and soils, hazards and hazardous materials, hydrology and water quality, noise, population and housing, and transportation thresholds sections of this initial study and found to be less than significant or impacts for each of the above sections. Based on the analyses and conclusions in this initial study, the proposed Project will not cause substantial adverse effects directly or indirectly to human beings. Therefore, potential direct and indirect impacts on human beings that result from the proposed Project are considered less than significant.

VII. REFERENCES

The following documents were referred to as information sources during preparation of this document. They are available for public review at the locations abbreviated after each listing and spelled out at the end of this section.

Cal Fire 2024	Cal Fire, Fire Resources Assessment Program, FHSZ View. (Available at https://calfire-forestry.maps.arcgis.com/apps/webappviewer/index.html?id=988d431a42b242b29d89597ab693d008 , accessed October 2024.)
Caltrans	Caltrans, <i>Scenic Highway Systems List and Officially Designated County Scenic Highways</i> , (Available at https://dot.ca.gov/programs/design/lap-landscape-architecture-and-community-livability/lap-liv-i-scenic-highways , accessed October 2024.)
CARB 2024	California Air Resources Board, <i>2000-2022 GHG Inventory (2024 Edition)</i> . 2024. (Available at https://ww2.arb.ca.gov/ghg-inventory-data , accessed October 2024.)
CBSC	California Building Standards Commission, <i>California Building Standards Code Title 24</i> . 2019. (Available at https://www.dgs.ca.gov/bsc , accessed October 2024.)
CCR	Office of Administrative Law, <i>California Code of Regulations</i> . (Available at https://govt.westlaw.com/calregs/Index?transitionType=Default&contextData=%28sc.Default%29 , accessed October 2024.)
Census 2020	United States Census Bureau (Census). 2020. Quickfacts California. https://www.census.gov/quickfacts/CA . Accessed November 22, 2020.
CFR	Office of the Federal Register, <i>Code of Federal Regulations Title 49</i> . (Available at https://www.govinfo.gov/content/pkg/CFR-2020-title49-vol2/pdf/CFR-2020-title49-vol2.pdf , accessed October 2024.)
CGC	California Legislative Information, California Government Code Section 53091 (d). amended January 1, 2003. (Available at https://leginfo.ca.gov/faces/codes_displaySection.xhtml?lawCode=GOV&sectionNum=53091 , accessed November 2024.)
CHSC	State of California. California Health and Safety Code. (Available at https://leginfo.ca.gov/faces/codesTOCSelected.xhtml?tocCode=HSC , accessed November 2024.)
DOC 2023	California Department of Conservation “California Important Farmland Finder” 2023. (Available at https://maps.conservation.ca.gov/DLRP/CIFF/ , accessed November 2024.)
DOC-B	State of California Department of Conservation, <i>EQ Zapp: California Earthquake Hazards Zone Application</i> website. (Available at https://www.conservation.ca.gov/cgs/geohazards/eq-zapp , accessed November 2023.)
DOC 2015	State of California Department of Conservation, <i>CGS Information Warehouse: Regulatory Maps</i> . 2015. (Available at https://maps.conservation.ca.gov/cgs/informationwarehouse/ , accessed November 2024.)
DWR 2020b	California Department of Water Resources (DWR). 2020b. State Water Project. https://water.ca.gov/Programs/State-Water-Project . Accessed November 22, 2020.
DWR 2021	California Department of Water Resources, <i>Management of the California State Water Project Bulletin 132-2021</i> . July 2024. (Available at https://water.ca.gov/programs/state-water-project/management/bulletin-132 . accessed October 2024)

DWR 2023	California Department of Water Resources (DWR). 2023. California Water Plan Update 2023. https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/California-Water-Plan/Docs/Update2023/Final/California-Water-Plan-Update-2023.pdf .
DWR 2024	California Department of Water Resources (DWR). 2024. State Water Project Increases Projected Water Supply Allocation. https://water.ca.gov/News/News-Releases/2024/Apr-24/State-Water-Project-Increases-Projected-Water-Supply-Allocation . Accessed November 2024.
EPA	Environmental Protection Agency, <i>Current Nonattainment Counties for All Criteria Pollutants</i> . 2024. (Available at https://www3.epa.gov/airquality/greenbook/ancl.html , accessed October 2024.
GGERP	Department of Water Resources (DWR). 2012. Final Climate Action Plan Phase I: Greenhouse Gas Emissions Reduction Plan (Updated 2023). https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/All-Programs/Climate-Change-Program/Climate-Action-Plan/Files/Exhibit-C-CAP-Phase-1-Update-2023.pdf . Accessed November 2024.
San Bernardino County 2007	San Bernardino County. <i>County of San Bernardino 2007 General Plan</i> . Amended April 24, 2014. (Available at http://www.sbcounty.gov/Uploads/lus/GeneralPlan/FINALGP.pdf , accessed October 2024.
San Bernardino Countywide Plan	San Bernardino County, Countywide Plan Policy Plan. October 2020. (Available at https://countywideplan.sbcounty.gov/ , accessed October 2024.)
SCAQMD 2024	South Coast Air Quality Management District, 2024. <i>District Boundaries</i> . (Available at https://www.aqmd.gov/home , accessed October 2024.
UWMP 2010	Crestline-Lake Arrowhead Water Agency, <i>Urban Water Management Plan 2010</i> . August 2011. (Available at https://www.clawa.org/files/ugd/a07b32_1966d17ffdd9490a91fa3771848fc31b.pdf , accessed December 2024.)
Water Management Tools FEIR	Department of Water Resources, <i>State Water Project State Water Project Water Supply Amendments for Water Management Final Environmental Impact Report</i> . February 2020. (Available at https://water.ca.gov/-/media/DWR-Website/Web-Pages/Programs/State-Water-Project/Management/Water-Supply-Contract-Extension/Files/SWPWater-Supply-Contract-AmendmentsPRDEIRFeb2020.pdf?la=en&hash=0ACAA9E7C43F598B9460438394D0A572C49830E1 , accessed October 2024.)

INITIAL STUDY PREPARERS

San Bernardino Valley Municipal Water District

380 East Vanderbilt Way
San Bernardino, CA 92408
(909) 387-9200

Joanna Gibson, Chief of Environmental Compliance

Albert A. Webb Associates

3788 McCray Street,
Riverside, CA 92506
(951) 686-1070

Stephanie Standerfer, Principal Environmental Analyst
Eliza Laws, Senior Environmental Analyst
Autumn DeWoody, Senior Environmental Analyst
Julia Archibeque, Assistant Environmental Analyst

APPENDIX A

CLAWA Water Supply Contract

STATE OF CALIFORNIA
THE RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY CONTRACT
BETWEEN

THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

AND

CRESTLINE-LAKE ARROWHEAD WATER AGENCY

Disclaimer: This document integrates Crestline-Lake Arrowhead Water Agency's State Water Project water supply contract and amendments to the contract entered into since June 22, 1963. It is intended only to provide a convenient reference source, and the Department of Water Resources is unable to provide assurances that this integrated version accurately represents the original documents. For legal purposes, or when precise accuracy is required, users should direct their attention to original source documents rather than this integrated version.

(Incorporates through Amendment No. 18, executed May 28, 2003)
(No other amendments through 2017)

EXPLANATORY NOTES

< >	This symbol encloses material not contained in the original or amended contract, but added to assist the reader.
Exhibits	Materials that explain or provide detailed information regarding a contract provision.
Attachments	Materials that implement provisions of the basic contract when certain conditions are met.
Amendments	Amendments have been incorporated into this consolidated contract and are indicated by footnote.
Agency Name	This Water Supply Contract used the term “Agency” in the original contract for this contractor. Some amendments may not have retained the same nomenclature. This consolidated contract uses the term “Agency” to be consistent with the original contract. It does not change the content meaning.
Department Name	This Water Supply Contract used the term “State” in the original contract for this contractor. Some amendments may not have retained the same nomenclature. This consolidated contract uses the term “State” throughout to be consistent with the original contract. It does not change the content meaning.

CONTENTS

EXPLANATORY NOTES	ii
CONTENTS.....	iii
A. INTRODUCTORY PROVISIONS	2
1. DEFINITIONS.....	2
(a) Bond Act	2
(b) System.....	2
(c) Delta.....	2
(d) Contractor	2
(e) Project Facilities.....	2
(f) Project Conservation Facilities	2
(g) Initial Project Conservation Facilities.....	2
(h) Additional Project Conservation Facilities	3
(i) Project Transportation Facilities	5
(j) Project Water	5
(k) Minimum Project Yield	5
(l) Annual Table A Amount.....	6
(m) Maximum Annual Table A Amount.....	6
(n) Supplemental Conservation Facilities.....	6
(o) Supplemental Water.....	6
(p) Year.....	6
(q) Year of Initial Water Delivery	7
(r) Project Interest Rate	7
(s) Capital Costs	8
(t) Project Repayment Period.....	8
(u) Municipal Use.....	8
(v) Manufacturing Use.....	8
(w) Agricultural Use.....	8
(x) Subject to Approval by the State	8
(y) Area of Origin Statutes	8
<(z) No Such Subarticle Exists.>	8

<(aa) No Such Subarticle Exists.>	9
<(bb) No Such Subarticle Exists.>	9
(cc) Water System Revenue Bonds	9
<(dd) No Such Subarticle Exists.>	9
<(ee) No Such Subarticle Exists.>	9
<(ff) No Such Subarticle Exists.>	9
(gg) East Branch Enlargement Facilities	9
(hh) Water System Facilities	10
(ii) Carry-over Entitlement Water	10
(jj) Interruptible water	10
(kk) Nonproject water	10
(ll) Monterey Amendments	11
2. TERM OF CONTRACT	11
3. VALIDATION	11
4. OPTION FOR CONTINUED SERVICE	11
5. PLEDGE OF REVENUES	12
B. WATER SERVICE PROVISIONS	12
6. ANNUAL ENTITLEMENTS	12
(a) Year of Initial Water Delivery	12
(b) Agency's Annual Table A Amounts	12
(c) Obligation of State to Complete Facilities	12
7. CHANGES IN ANNUAL ENTITLEMENTS; MAXIMUM ANNUAL ENTITLEMENT	12
(a) Changes in Annual Entitlements	12
(b) Maximum Annual Entitlement of Agency	13
8. OPTION TO INCREASE MAXIMUM ANNUAL ENTITLEMENT	13
9. DELIVERY POINTS	13
10. DELIVERY STRUCTURES	14
(a) Determination of Size and Location of Delivery Structures	14
(b) Agency Requests as to Initial Delivery Structures	14
(c) Requests by Agency for Additional Delivery Structures	14
(d) Agency to Advance Funds for Delivery Structures	14

11. MEASUREMENT OF WATER DELIVERED	14
(a) Measurement by State.....	14
(b) Agency to Advance Funds for Measuring Devices	15
12. PRIORITIES, AMOUNTS, TIMES AND RATES OF DELIVERIES	15
(a) Procedure for Determining Water Delivery Schedule.....	15
(b) Limit on Peak Deliveries of Water	15
(c) Limit on Rate of Delivery to Agency	16
<(d) Delivery of Water Not Delivered in Accordance With Schedule - Deleted>.....	16
(e) Delivery of Carry-over Entitlement Water	16
(f) Priorities.....	17
13. RESPONSIBILITIES FOR DELIVERY AND DISTRIBUTION OF WATER.....	17
(a) State Not Liable for Operation Beyond Delivery Structures.....	17
(b) Agency Not Liable for Operation Upstream from Delivery Structures.....	17
14. CURTAILMENT OF DELIVERY	18
(a) State May Curtail Deliveries.....	18
(b) Agency May Receive Later Delivery of Water Not Delivered.....	18
15. AREA SERVED BY AGENCY	18
(a) State Approval of Sale of Water by Agency Outside Boundaries.....	18
(b) State Approval of Change in Boundaries or Organization of Agency.....	18
(c) Map of Agency	18
16. CONTINUITY AND DEPENDABILITY OF WATER SUPPLY	19
(a) Limit on Total of all Maximum Annual Table A Amounts.....	19
(b) State to Perfect Water Rights.....	19
(c) State to Report on Ability to Meet Future Water Demands.....	19
(d) Construction of Additional and Supplemental Conservation Facilities.....	19
(e) Furnishing of Supplemental Water	19
17. CONSTRUCTION OF PROJECT FACILITIES	19
(a) Determination of Aqueduct Capacities.....	19
(b) Criteria for Determining Capacity of Transportation Facilities.....	20
(c) Inspection of Project Plans and Specifications	20
(d) Restriction on Bond Sales.....	20
(e) Failure to Complete Facilities.....	21
(f) Adjustments Due to Supplemental Financing Costs.....	21

18. SHORTAGE IN WATER SUPPLY	22
(a) Shortages; Delivery Priorities	22
<(b) Permanent Shortage; Reduction of Entitlements - Deleted>	22
(c) Permanent Shortage; Contracts for Areas-of-Origin	22
(d) Reinstatement of Entitlements	23
(e) Advance Notice of Delivery Reductions	23
(f) No Liability for Shortages	23
19. WATER QUALITY.....	23
(a) Table of Water Quality Objectives	23
(b) Records of Water Quality	24
(c) No Liability for Failure to Meet Quality Objectives	24
20. SUSPENSION OF SERVICE UPON DEFAULT.....	24
21. INTERRUPTIBLE WATER SERVICE.....	25
(a) Allocation of Interruptible Water.....	25
(b) Rates.....	25
(c) Contracts	25
C. PAYMENT PROVISIONS.....	26
22. DELTA WATER CHARGE.....	26
(a) Payment of Reimbursable Costs of Project Conservation Facilities	26
(b) Delta Water Rate Until 1970; Components of Rate Thereafter.....	26
(c) Computation of the Components of the Delta Water Rate	26
(d) Application of Component Rates.....	28
(e) Allocations to Project Purposes	28
(f) Yearly Recomputation of Rates After 1970.....	29
(g) Supplemental Conservation Facilities.....	29
(h) <Local Project as Additional Conservation Facility>.....	30
(i) <Project Water Purchased by State>	30
(j) <Recovery of Water System Revenue Bond Financing Costs>	30
23. TRANSPORTATION CHARGE	31
24. TRANSPORTATION CHARGE - CAPITAL COST COMPONENT	31
(a) Method of Computation.....	31
(b) Allocation of Capital Costs Among Contractors	31
(c) Annual Payments of Allocated Capital Costs.....	33

(d)	Payment in Advance for Excess Peaking Capacity	33
(e)	Costs Incurred Prior to Date of Contract	34
(f)	<Off-Aqueduct Power Facilities>	34
(g)	<Recovery of Water System Revenue Bond Financing Costs>	34
25.	TRANSPORTATION CHARGE - MINIMUM OPERATION, MAINTENANCE, POWER, AND REPLACEMENT COMPONENT	35
(a)	Method of Computation.....	35
(b)	Allocation of Costs	35
(c)	Payment Table	35
(d)	<Off-Aqueduct Power Facilities>.....	35
(e)	<No Subtitle>.....	37
26.	TRANSPORTATION CHARGE - VARIABLE OPERATION, MAINTENANCE, POWER, AND REPLACEMENT COMPONENT	37
(a)	Method of Computation.....	37
(b)	Revenue From Aqueduct Power Recovery Plants	37
(c)	Payment Table	38
27.	TRANSPORTATION CHARGE - PAYMENT SCHEDULE.....	38
28.	TRANSPORTATION CHARGE - REDETERMINATION.....	38
(a)	Determinative Factors Subject to Retroactive Charge.....	38
(b)	Adjustment: Transportation Charge - Capital Cost Component.....	39
(c)	Adjustment: Transportation Charge - Minimum and Variable Components.....	39
(d)	Exercise of Option	40
(e)	<No Subtitle>.....	40
(f)	Adjustment: Water System Revenue Bond Financing Costs.....	40
29.	TIME AND METHOD OF PAYMENT.....	40
(a)	Initial Payment - Delta Water Charge.....	40
(b)	Initial Payment - Transportation Charge: Capital Component	40
(c)	Initial Payment - Transportation Charge: Minimum Component.....	41
(d)	Initial Payment - Transportation Charge: Variable Component	41
(e)	Statement of Charges	41
(f)	Times of Payment - Capital Components	41
(g)	Times of Payment - Minimum Components.....	42
(h)	Times of Payment - Variable Components	42
(i)	Contest of Accuracy of Charges	42

<30. SURCHARGE FOR PROJECT WATER USED ON EXCESS LAND - Deleted>	42
31. ADJUSTMENT FOR OVERPAYMENT OR UNDERPAYMENT	42
32. DELINQUENCY IN PAYMENT	42
(a) Agency to Provide for Punctual Payment	42
(b) Interest on Overdue Payments	43
33. OBLIGATION OF AGENCY TO MAKE PAYMENTS	43
(a) Refusal of Water Does Not Affect Obligation	43
(b) Character of Obligation	43
34. OBLIGATION OF AGENCY TO LEVY TAXES AND ASSESSMENTS	43
(a) When Obligated	43
(b) Enforcement by Officers of Agency	43
(c) Deposit in Separate Fund	43
(d) Enforcement of Levy	44
D. GENERAL PROVISIONS	44
35. REMEDIES NOT EXCLUSIVE	44
36. AMENDMENTS	44
37. AGENCY NOT ESTOPPED TO CHALLENGE STATE LAWS	44
38. OPINIONS AND DETERMINATIONS	44
39. CONTRACTING OFFICER OF THE STATE	45
40. SUCCESSORS AND ASSIGNS OBLIGATED	45
41. ASSIGNMENT	45
42. WAIVER OF RIGHTS	45
43. NOTICES	45
44. MAINTENANCE AND INSPECTION OF BOOKS, RECORDS, AND REPORTS	45
E. SPECIAL PROVISIONS AND TABLES	46
45. SPECIAL PROVISIONS	46
(a) <Timing of First Deliveries of Project Water>	46
(b) <Annual Entitlement Capacity>	46
(c) <Annexations to the Agency>	46
46. AMENDATORY PROVISIONS	46
<(a) Surplus Water - Deleted>	46
<(b) Surcharge Credit - Deleted>	46
(c) Turnouts and Measuring Devices	46
<47. No such article exists.>	47

<48. No such article exists.>	47
<49. No such article exists.>	47
50. WATER SYSTEM REVENUE BOND FINANCING COSTS	47
(a) <Cost Provisions>	47
(b) <Annual Charges>	47
(c) <Agency Invoice>.....	48
(d) Timing of Payments	48
(e) Reduction in Charges.....	48
(f) <Default Protection>.....	48
(g) <Bond Issuing Process>.....	48
(h) Defaults	49
(i) Power of Termination	50
(j) <Payments Unaffected by Article 51>.....	51
51. FINANCIAL ADJUSTMENTS.....	51
(a) General Operating Account	51
(b) State Water Facilities Capital Account	51
(c) Calculation of Financial Needs	52
(d) Apportionment of Reductions between Agricultural and Urban Contractors	53
(e) Review of Financial Requirements	55
(f) Apportionment of Reductions among Urban Contractors	56
(g) Apportionment of Reductions Among Agricultural Contractors.....	57
(h) Agricultural Rate Management Trust Fund	58
(i) Definitions.....	60
52. KERN WATER BANK	61
(a) <No Subtitle>.....	61
(b) <No Subtitle>.....	61
53. PERMANENT TRANSFERS AND REDUCTIONS OF ENTITLEMENT.....	61
(a) <No Subtitle>.....	61
(b) <No Subtitle>.....	62
(c) <No Subtitle>.....	62
(d) <No Subtitle>.....	62
(e) <No Subtitle>.....	63
(f) <No Subtitle>.....	63

(g) <No Subtitle>.....	64
(h) <No Subtitle>.....	64
(i) <No Subtitle>.....	64
54. USAGE OF LAKES CASTAIC AND PERRIS	65
(a) <No Subtitle>.....	65
(b) <No Subtitle>.....	66
(c) <No Subtitle>.....	66
(d) <No Subtitle>.....	68
(e) <No Subtitle>.....	68
(f) <No Subtitle>.....	68
(g) <No Subtitle>.....	68
55. TRANSPORTATION OF NONPROJECT WATER	68
(a) <No Subtitle>.....	68
(b) <No Subtitle>.....	69
(c) <No Subtitle>.....	69
56. USE, STORAGE AND SALE OF PROJECT WATER OUTSIDE OF SERVICE AREA AND STORAGE OF WATER IN PROJECT SURFACE CONSERVATION FACILITIES.....	69
(a) State Consent to Use of Project Water Outside of Service Area	69
(b) Groundwater Storage Programs	69
(c) Storage of Project Water Outside of Service Area	69
(d) Sale of Project Water For Use Outside Service Area	72
(e) Continuance of Article 12(e) Carry-over Provisions	73
(f) Bona Fide Exchanges Permitted	73
(g) Other Transfers	74
57. <INTENTIONALLY LEFT BLANK FOR FUTURE USE>	74
58. DETERMINATION OF DEPENDABLE ANNUAL SUPPLY OF PROJECT WATER TO BE MADE AVAILABLE BY EXISTING PROJECT FACILITIES	74
TABLE A.....	76
TABLE B.....	77
TABLE C	77
TABLE D.....	77
TABLE E	77
TABLE F	77
TABLE G.....	77

TABLE H.....	78
TABLE I	79
ATTACHMENT 1	80

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
CRESTLINE-LAKE ARROWHEAD WATER AGENCY
FOR A WATER SUPPLY

THIS CONTRACT, made this 22nd day of June, 1963, and as amended through May 28, 2003, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the “State”, and Crestline-Lake Arrowhead Water Agency, a public agency in the State of California, duly organized, existing, and acting pursuant to the laws thereof with its principal place of business in Crestline, California, herein referred to as the “Agency”,

WITNESSETH, That:

WHEREAS, the State is authorized to construct and operate facilities for the storage and conveyance of water, certain of which facilities will make water available to the Agency and

WHEREAS, funds will be provided under the California Water Resources Development Bond Act for the construction of said facilities; and

WHEREAS, the Agency is desirous of obtaining a supply of water from the State;

NOW THEREFORE, it is mutually agreed as follows:

A. INTRODUCTORY PROVISIONS

1. DEFINITIONS

When used in this contract, the following terms shall have the meanings hereinafter set forth:

(a) Bond Act

“Bond Act” shall mean the California Water Resources Development Bond Act, comprising Chapter 8 (commencing at Section 12930) of Part 6 of Division 6 of the Water Code.

(b) System

“System” shall mean the State Water Resources Development System as defined in Section 12931 of the Water Code.

(c) Delta

“Delta” shall mean the Sacramento-San Joaquin Delta as defined in Section 12220 of the Water Code on November 8, 1960.

(d)¹ Contractor

“Contractor” shall mean any entity that has executed, or is an assignee of, a contract of the type published in Department of Water Resources Bulletin No. 141 dated November 1965, with the State for a dependable supply of water made available by the System, except such water as is made available by the facilities specified in Section 12934(d)(6) of the Water Code.

(e)² Project Facilities

“Project facilities” shall mean those facilities of the system which will, in whole or in part, serve the purposes of this contract by conserving water and making it available for use in and above the Delta and for export from the Delta and from such additional facilities as are defined in Article 1(h)(2) herein, and by conveying water to the Agency. Said project facilities shall consist specifically of “project conservation facilities” and “project transportation facilities”, as hereinafter defined.

(f) Project Conservation Facilities

“Project conservation facilities” shall mean such project facilities as are presently included, or as may be added in the future, under (g) and (h) below.

(g) Initial Project Conservation Facilities

“Initial project conservation facilities” shall mean the following project facilities specified in Section 12934(d) of the Water Code:

¹ Amended: Amendment 17

² Amended: Amendment 13

- (1) All those facilities specified in subparagraph (1) thereof.
- (2) Those facilities specified in subparagraph (3) thereof to the extent that they serve the purposes of water conservation in the Delta, water supply in the Delta, and transfer of water across the Delta.
- (3) A reservoir near Los Banos in Merced, County as specified in subparagraph (2) thereof.
- (4) The reach of the San Joaquin Valley-Southern California Aqueduct extending from the Delta to a reservoir near Los Banos in Merced County, to the extent required for water conservation through conveyance of water diverted from the Delta to offstream storage in said reservoir as determined by the State.
- (5) Those facilities specified in subparagraph (5) thereof which are incidental to the facilities included under (1), (2), (3), and (4) above.
- (6) Those facilities specified in subparagraph (7) thereof which are necessary and appurtenant to the facilities included under (1), (2), (3), (4), and (5) above.

(h)³ Additional Project Conservation Facilities

“Additional project conservation facilities” shall mean the following facilities and programs which will serve the purpose of preventing any reduction in the minimum project yield as hereinafter defined:

- (1) Those project facilities specified in Section 12938 of the Water Code;
 - (2) Those facilities and programs described in (A), (B), (C), (D), and (E) below which, in the State’s determination, are engineeringly feasible and capable of producing project water which is economically competitive with alternative new water supply sources, provided that, in the State’s determination, the construction and operation of such facilities and programs will not interfere with the requested deliveries of annual entitlement to any contractor other than the sponsoring contractor, and will not result in any greater annual charges to any contractor other than the sponsoring contractor than would have occurred with the construction at the same time of alternative new water supply sources which are either reservoirs located north of the Delta or off-Aqueduct storage reservoirs located south or west of the Delta designed to supply water to the California Aqueduct. The following facilities and programs shall hereinafter be referred to as “Local Projects”:
- (A) On-stream and off-stream surface storage reservoirs not provided for in Section 12938 of the Water Code, that will produce project water for the System for a period of time agreed to by the sponsoring contractor;
 - (B) Ground water storage facilities that will produce project water for the System for a period of time agreed to by the sponsoring contractor;

(C) Waste water reclamation facilities that will produce project water for the System for a period of time agreed to by the sponsoring contractor;

(D) Water and facilities for delivering water purchased by the State for the System for a period of time agreed to by the sponsoring contractor; provided that the economic test specified herein shall be applied to the cost of these facilities together with the cost of the purchased water; and

(E) Future water conservation programs and facilities that will reduce demands by the sponsoring contractor for project water from the System for a period of time agreed to by the sponsoring contractor and will thereby have the effect of increasing project water available in the Delta for distribution.

(3) Whether a Local Project described in (2) above shall be considered economically competitive shall be determined by the State by comparing, in an engineering and economic analysis, such Local Project with alternative new water supply sources which are either reservoirs located north of the Delta or off-Aqueduct storage reservoirs located south or west of the Delta designed to supply water to the California Aqueduct. The analysis for such alternative new water supply sources shall use the average cost per acre-foot of yield in the latest studies made for such sources by the State and shall compare those facilities with the proposed Local Project using commonly accepted engineering economics. In the case of a Local Project to be funded in part by the State as part of the System and in part from other sources, the economic analysis specified herein shall be applied only to the portion to be funded by the State as part of the System.

(4) The Local Projects in (2) above shall not be constructed or implemented unless or until:

(A) The sponsoring contractor signs a written agreement with the State which:

(i) Contains the sponsoring contractor's approval of such facility or program.

(ii) Specifies the yield and the period of time during which the water from the Local Project shall constitute project water; and

(iii) Specifies the disposition of such Local Project or of the yield from such Local Project upon the expiration of such period of time; and

(B) All contractors within whose boundaries any portion of such Local Project is located, and who are not sponsoring contractors for such Local Project give their written approval of such Local Project.

(5) "Sponsoring contractor" as used in this Article 1(h) shall mean the contractor or contractors who either will receive the yield from facilities described in 2(A), (B), (C), or (D) above, or agree to reduce demands for project water from the System pursuant to 2(E) above.

(6) In the event of a shortage in water supply within the meaning of Article 18(a), the determination of whether to count, in whole or in part, the yield from facilities described in 2(A), (B), (C), or (D) above, or the reduced demand from future conservation programs described in 2(E) above in the allocation of deficiencies among contractors will be based on a project-by-project evaluation taking into consideration such factors as any limitation on the use of the water from such facilities and whether the sponsoring contractor has access to project water from the Delta as an alternate to such facilities.

(i) Project Transportation Facilities

“Project transportation facilities” shall mean those project facilities:

(1) Specified in Water Code Section 12934(d)(2) which are described in Table H of this contract;

(2)⁴ Facilities for the generation and transmission of electrical energy of the following types:

(A) Hydroelectric generating and transmission facilities, whose operation is dependent on the transportation of project water, or on releases to channels downstream of project facilities defined under (1) above. Such facilities shall be called “project aqueduct power recovery plants.”

(B) All other generating and associated transmission facilities, except those dependent on water from project conservation facilities, for the generation of power. These facilities shall be called “off-aqueduct power facilities” and shall consist of the State’s interest in the Reid-Gardner and any other generating and associated transmission facilities, constructed or financed in whole or in part by the State, which are economically competitive with alternative power supply sources as determined by the State.

(3) Specified in Water Code Section 12934(d)(7) which are necessary and appurtenant to the facilities included under (1) and (2) above.

(j) Project Water

“Project water” shall mean water made available for delivery to the contractors by project conservation facilities and the transportation facilities included in the System.

(k)⁵ Minimum Project Yield

“Minimum project yield” shall mean the dependable annual supply of project water to be made available assuming completion of the initial project conservation facilities and additional project conservation facilities. The project’s capability of providing the minimum project yield shall be determined by the State on the basis of coordinated operations studies of initial project conservation facilities and additional project conservation facilities, which studies shall be based upon factors including but not limited to: (1) the estimated relative proportion of deliveries for agricultural use to deliveries for municipal use assuming Maximum Annual Table A Amounts

4 Amended: Amendment 13

5 Amended: Amendment 2, 17, 18

for all contractors and the characteristic distributions of demands for these two uses throughout the year; and (2) agreements now in effect or as hereafter amended or supplemented between the State and the United States and others regarding the division of utilization of waters of the Delta or streams tributary thereto.

(l)⁶ Annual Table A Amount

“Annual Table A Amount” shall mean the amount of project water set forth in Table A of this contract that the State, pursuant to the obligations of this contract and applicable law, makes available for delivery to the Agency at the delivery structures provided for the Agency. The term Annual Table A Amount shall not be interpreted to mean that in each year the State will be able to make that quantity of project water available to the Agency. The Annual Table A Amounts and the terms of this contract reflect an expectation that under certain conditions the Agency will receive its full Annual Table A Amount; but that under other conditions only a lesser amount, allocated in accordance with this contract, may be made available to the Agency. This recognition that full Annual Table A Amounts will not be deliverable under all conditions does not change the obligations of the State under this contract, including but not limited to, the obligations to make all reasonable efforts to complete the project facilities, to perfect and protect water rights, and to allocate among contractors the supply available in any year, as set forth in Articles 6(b), 6(c), 16(b) and 18, in the manner and subject to the terms and conditions of those articles and this contract. Where the term “annual entitlement” appears elsewhere in this contract, it shall mean “Annual Table A Amount.” The State agrees that in future amendments to this and other contractor’s contracts, in lieu of the term “annual entitlement,” the term “Annual Table A Amount” will be used and will have the same meaning as “annual entitlement” wherever that term is used.

(m)⁷ Maximum Annual Table A Amount

“Maximum annual entitlement” shall mean the maximum annual amounts set forth in Table A of this contract, and where the term “maximum annual entitlement” appears elsewhere in this contract it shall mean “Maximum Annual Table A Amounts.”

(n) Supplemental Conservation Facilities

“Supplemental conservation facilities” shall mean those facilities provided for in Section 12938 of the Water Code which will serve the purpose of supplying water in addition to the minimum project yield, and for meeting local needs.

(o) Supplemental Water

“Supplemental water” shall mean water made available by supplemental conservation facilities, in excess of the minimum project yield.

(p) Year

“Year” shall mean the 12-month period from January 1 through December 31, both dates inclusive.

6 Amended: Amendment 18
7 Amended: Amendment 18

(q) Year of Initial Water Delivery

“Year of initial water delivery” shall mean the year when project water will first be available for delivery to a contractor pursuant to its contract with the State.

(r)⁸ Project Interest Rate

“Project interest rate” shall mean the weighted average interest rate on bonds, advances, or loans listed in this section to the extent the proceeds of any such bonds, advances, or loans are for construction of the State Water Facilities defined in Section 12934(d) of the Water Code, the additional project conservation facilities, and the supplemental conservation facilities (except off-aqueduct power facilities; water system facilities; advances for delivery structures, measuring devices and excess capacity; and East Branch Enlargement Facilities). The project interest rate shall be calculated as a decimal fraction to five places by dividing (i) the total interest cost required to be paid or credited by the State during the life of the indebtedness or advance by (ii) the total of the products of the various principal amounts and the respective terms in years of all such amounts. The bonds, advances, or loans used in calculating the project interest rate shall be:

- (1) General obligation bonds issued by the State under the Bond Act, except that any premium received on the sale of these bonds shall not be included in the calculation of the project interest rate,
- (2) Revenue bonds issued by the State under the Central Valley Project Act after May 1, 1969,
- (3) Bonds issued by the State under any other authority granted by the Legislature or the voters,
- (4) Bonds issued by any agency, district, political subdivision, public corporation, or nonprofit corporation of this State,
- (5) Funds advanced by any contractor without the actual incurring of bonded debt therefor, for which the net interest cost and terms shall be those which would have resulted if the contractor had sold bonds for the purpose of funding the advance, as determined by the State,
- (6) Funds borrowed from the General Fund or other funds in the Treasury of the State of California, for which the total interest cost shall be computed at the interest rate earned over the period of such borrowing by moneys in the Surplus Money Investment Fund of such Treasury invested in securities, and
- (7) Any other financing capability available in the Treasury of the State of California at whatever interest rate and other financing costs are provided in the law authorizing such borrowing. However, the use of other financing from the State Treasury is intended to involve only short term borrowing at interest rates and other financing costs no greater than those charged to other State agencies during the same period until such time as the Department can sell bonds and reimburse the source of the short term borrowing from the proceeds of the bond sale.

8 Amended: Amendment 5, 13, 14

(s) Capital Costs

“Capital costs” shall mean all costs incurred subsequent to authorization of a facility for construction by the Legislature or by administrative action pursuant to Section 11290 of the Water Code and to the Bond Act, including those so incurred prior to the beginning of the project repayment period as herein defined and any accrued unpaid interest charges thereon at the rates specified herein, which are properly chargeable to the construction of and the furnishing of equipment for the facilities of the System, including the costs of surveys, engineering studies, exploratory work, designs, preparation of construction plans and specifications, acquisition of lands, easements and rights-of-way, relocation work, and essential administrative work in connection therewith, all as shown upon the official records of the Department of Water Resources.

(t)⁹ Project Repayment Period

“Project repayment period” shall mean that period of years commencing on January 1, 1961, and extending until December 31, 2035; *Provided*, that whenever construction of any project facilities is financed by a bond issue with maturity dates later than December 31, 2035, whether the bonds are issued pursuant to the Bond Act or other authority, repayment of the costs of such facilities shall be extended to end on the date of the latest maturities of the bonds with which construction of such facilities is financed.

(u) Municipal Use

“Municipal use” shall mean all those uses of water common to the municipal water supply of a city, town, or other similar population group, including uses for domestic purposes, uses for the purposes of commerce, trade or industry, and any other use incidental thereto for any beneficial purpose.

(v) Manufacturing Use

“Manufacturing use” shall mean any use of water primarily in the production of finished goods for market.

(w) Agricultural Use

“Agricultural use” shall mean any use of water primarily in the production of plant crops or livestock for market, including any use incidental thereto for domestic or stock-watering purposes.

(x) Subject to Approval by the State

“Subject to approval by the State” shall mean subject to the determination and judgment of the State as to acceptability.

(y) Area of Origin Statutes

“Area of origin statutes” shall mean Sections 10505 and 11460 through 11463 of the Water Code as now existing or hereafter amended.

<(z) No Such Subarticle Exists.>

9 Amended: Amendment 12

<(aa) No Such Subarticle Exists.>

<(bb) No Such Subarticle Exists.>

(cc)¹⁰ Water System Revenue Bonds

“Water system revenue bonds” shall mean revenue bonds or revenue bond anticipation notes issued by the State under the Central Valley Project Act after January 1, 1987 for water system facilities identified in Article 1(hh).

<(dd) No Such Subarticle Exists.>

<(ee) No Such Subarticle Exists.>

<(ff) No Such Subarticle Exists.>

(gg)¹¹ East Branch Enlargement Facilities

“East Branch Enlargement Facilities” shall mean all of the following:

(1) The facilities remaining to be constructed as part of the East Branch Enlargement construction;

(2) The work done pursuant to the letter agreement between the State and The Metropolitan Water District of Southern California dated November 29, 1966, which consisted of constructing the California Aqueduct between Cottonwood (now known as Alamo) Powerplant and Cedar Springs (now known as Silverwood) Reservoir so that, by future additions to the canal lining, siphons, and additional pumping units at Pearblossom Pumping Plant, the capacity could be increased by a then-estimated approximately 700 cubic feet per second;

(3) That portion of the enlargement of the Pearblossom Pumping Plant Forebay and Cofferdam construction which would not have been constructed but for the proposed East Branch Enlargement and which was done pursuant to the letter agreement between the State and The Metropolitan Water District of Southern California, dated January 19, 1984;

(4) That portion of the canal lining work between Alamo Powerplant and Pearblossom Pumping Plant done pursuant to the letter agreements between the State and The Metropolitan Water District of Southern California, dated July 2, 1984, and May 15, 1985, which increased the East Branch Aqueduct capacity beyond that set forth in Table B-2 as shown in State Bulletin 132-70;

(5) That portion of Reach 24 (Silverwood Lake) to be determined by reallocation of Reach 24 to reflect the additional use to be made of that reach as a result of the East Branch Enlargement operation; and

(6) That portion of Reach 25 (San Bernardino Tunnel) to be determined by an allocation of total delivery capacity of Reach 25 between the basic East Branch facilities and the East Branch Enlargement as a result of East Branch Enlargement operation.

10 Added: Amendment 14

11 Added: Amendment 14

(hh)¹² Water System Facilities

“Water System Facilities” shall mean the following facilities to the extent that they are financed with water system revenue bonds or to the extent that other financing of such facilities is reimbursed with proceeds from water system revenue bonds:

- (1) The North Bay Aqueduct,
- (2) The Coastal Branch Aqueduct,
- (3) Delta Facilities, including Suisun Marsh facilities, to serve the purposes of water conservation in the Delta, water supply in the Delta, transfer of water across the Delta, and mitigation of the environmental effects of project facilities, and to the extent presently authorized as project purposes, recreation and fish and wildlife enhancement,
- (4) Local projects as defined in Article 1(h)(2) designed to develop no more than 25,000 acre-feet of project yield from each project,
- (5) Land acquisition prior to December 31, 1995, for the Kern Fan Element of the Kern Water Bank,
- (6) Additional pumps at the Banks Delta Pumping Plant,
- (7) The transmission line from Midway to Wheeler Ridge Pumping Plant,
- (8) Repairs, additions, and betterments to conservation or transportation facilities existing as of January 1, 1987, and to all other facilities described in this subarticle (hh) except for item (5),
- (9) A project facilities corporation yard, and
- (10) A project facilities operation center.

(ii)¹³ Carry-over Entitlement Water

“Carry-over Entitlement Water” shall mean water from a contractor’s annual entitlement for a respective year which is made available for delivery by the State in the next year pursuant to Article 12(e).

(jj)¹⁴ Interruptible water

“Interruptible water” shall mean project water available as determined by the State that is not needed for fulfilling contractors’ annual entitlement deliveries as set forth in their water delivery schedules furnished pursuant to Article 12 or for meeting project operational requirements, including storage goals for the current or following years.

(kk)¹⁵ Nonproject water

“Nonproject water” shall mean water made available for delivery to contractors that is not project water as defined in Article 1(j).

12 Added: Amendment 14, 17
13 Added: Amendment 15
14 Added: Amendment 17
15 Added: Amendment 17

(II)¹⁶ Monterey Amendments

“Monterey Amendments” shall mean this amendment and substantially similar amendments to other contractors’ water supply contracts that include, among other provisions, the addition of Articles 51 through 56.

2.¹⁷ TERM OF CONTRACT

This contract shall become effective on the date first above written and shall remain in effect for the longest of the following:

1. The project repayment period
2. 75 years
3. The period ending with the latest maturity date of any bond issue used to finance the construction costs of project facilities.

3. VALIDATION

Within one (1) year after the effective date of this contract, the Agency shall submit this contract to a court of competent jurisdiction for determination of its validity by a proceeding in mandamus or other appropriate proceeding or action, which proceeding or action shall be diligently prosecuted to final decree or judgment. In the event that this contract is determined to be invalid by such final decree or judgment, the State shall make all reasonable efforts to obtain validating legislation at the next session of the Legislature empowered to consider such legislation, and within six (6) months after the close of such session, if such legislation shall have been enacted, the Agency shall submit this contract to a court of competent jurisdiction for redetermination of its validity by appropriate proceeding or action, which proceeding or action shall be diligently prosecuted to final decree or judgment.

4.¹⁸ OPTION FOR CONTINUED SERVICE

By written notice to the State at least six (6) months prior to the expiration of the term of this contract, the Agency may elect to receive continued service after expiration of said term under the following conditions unless otherwise agreed to:

- (1) Service of water in annual amounts up to and including the Agency’s maximum annual entitlement hereunder.
- (2) Service of water at no greater cost to the Agency than would have been the case had this contract continued in effect.
- (3) Service of water under the same physical conditions of service, including time, place, amount and rate of delivery, as are provided for hereunder.
- (4) Retention of the same chemical quality objective provision as is set forth herein.

16 Added: Amendment 17
17 Amended: Amendment 12
18 Amended: Amendment 17

- (5) Retention of the same options to utilize the project transportation facilities as are provided for in Articles 18(c) and 55, to the extent such options are then applicable.

Other terms and conditions of the continued service shall be reasonable and equitable and shall be mutually agreed upon. In the event that said terms and conditions provide for continued service for a limited number of years only, the Agency shall have the same option to receive continued service here provided for upon the expiration of that and each succeeding period of continued service.

5. PLEDGE OF REVENUES

This contract is entered into for the direct benefit of the holders and owners of all general obligation bonds issued under the Bond Act, and the income and revenues derived from this contract are pledged to the purposes and in the priority set forth in that act.

B. WATER SERVICE PROVISIONS

6. ANNUAL ENTITLEMENTS

(a) Year of Initial Water Delivery

The year of initial water delivery to the Agency is presently estimated to be 1972. To the extent practicable, the State shall notify the Agency of any change in this estimate.

(b)¹⁹ Agency's Annual Table A Amounts

Commencing with the year of initial water delivery to the Agency, the State each year shall make available for delivery to the Agency the amounts of project water designated in Table A of this contract, which amounts shall be subject to change as provided for in Article 7(a) and are referred to in this contract as the Agency's Annual Table A Amounts.

(c) Obligation of State to Complete Facilities

Subject to the availability of funds, the State shall make all reasonable efforts consistent with sound fiscal policies, reasonable construction schedules, and proper operating procedures to complete the project facilities necessary for delivery of project water to the Agency in such manner and at such times that said delivery can commence in or before the year specified in subdivision (a) of this article, and continue in the amounts designated in Table A of this contract.

7. CHANGES IN ANNUAL ENTITLEMENTS; MAXIMUM ANNUAL ENTITLEMENT

(a)²⁰ Changes in Annual Entitlements

The Agency may, at any time or times during the term of this contract, by timely written notice furnished to the State, request that project water be made available to it thereafter in

¹⁹ Amended: Amendment 18

²⁰ Amended Amendment 17 – Art 7(a) only

annual amounts greater or less than the annual entitlements designated in Table A of this contract. Subject to approval by the State of any such request, the State's construction schedule shall be adjusted to the extent necessary to satisfy the request, and the requested increases or decreases in said annual entitlements shall be incorporated in said Table A by amendment thereof. Requests for changes in annual entitlements for more than one year shall be approved by the State: *Provided*, That no change shall be approved if in the judgment of the State it would impair the financial feasibility of project facilities.

(b) Maximum Annual Entitlement of Agency

The maximum amount of project water to be made available to the Agency in any one year under this contract shall be that specified in Table A of this contract and in said table designated as the Agency's "Maximum Annual Entitlement." In no event shall such maximum amount of project water to be made available to the Agency be increased over this amount, except as is otherwise provided in this contract.

8. OPTION TO INCREASE MAXIMUM ANNUAL ENTITLEMENT

In the event that the maximum annual entitlements under all contracts executed by the State on or before December 31, 1963, do not aggregate the amount of the minimum project yield as herein defined, the State shall immediately notify the Agency and all other contractors, and the Agency may elect to become entitled to the uncontracted for portion of the minimum project yield in or up to an amount which bears the same ratio to such uncontracted for portion as the Agency's maximum annual entitlement bears to the total of the maximum annual entitlements of all contractors as of that date: *Provided*, That such option may be exercised only to the extent that the water involved can be put to beneficial use within a reasonable period of time. Such option shall become effective on the date that the Agency receives said notice from the State and shall remain in effect through September 30, 1964. If the full amount of such uncontracted for portion of the minimum project yield is not preempted by the Agency under this option and by other contractors through the exercise of similar options on or before September 30, 1964, the Agency may request that it become entitled to any amount of such water not so preempted. Such request shall be subject to approval by the State and shall be considered in the light of all similar requests from other contractors. The State shall approve such request only to the extent that the water involved can be put to beneficial use within a reasonable period of time. Upon the exercise of such option or upon the approval of such request the Agency's maximum annual entitlement in Table A of this contract shall be increased by the amount of the additional entitlement thereby obtained by amendment of that table, and the Agency shall become obligated and hereby agrees to pay to the State a proportionate share of the costs attributable to such increase in accordance with cost allocation principles and procedures set forth in this contract. The service of and payment for said increased entitlement shall in all respects be subject to the terms and conditions of this contract.

9. DELIVERY POINTS

Project water made available to the Agency pursuant to Article 6 shall be delivered to the Agency by the State at the delivery structures established in accordance with Article 10.

10. DELIVERY STRUCTURES

(a) Determination of Size and Location of Delivery Structures

Project water made available to the Agency pursuant to this contract shall be delivered to the Agency at such locations and times and through delivery structures of such capacities as are requested by the Agency and approved by the State.

(b) Agency Requests as to Initial Delivery Structures

Pursuant to subdivision (a) of this article, the Agency shall furnish to the State on or before July 31, 1963, its written requests as to:

- (1) The location of delivery structures for delivery of project water to it.
- (2) The time at which project water is first to be delivered through each such delivery structure.
- (3) The maximum instantaneous flow capacity in cubic feet per second to be provided in each such delivery structure.
- (4) The maximum amount of water in acre-feet to be delivered in any one month through each such delivery structure.
- (5) The total combined maximum instantaneous flow capacity in cubic feet per second to be provided by all such delivery structures.
- (6) The total maximum amount of water in acre-feet to be delivered in any one month through all such delivery structures.

(c) Requests by Agency for Additional Delivery Structures

From time to time the Agency may request delivery structures in addition to those requested pursuant to subdivision (b) of this article.

(d) Agency to Advance Funds for Delivery Structures

The Agency shall pay all of the costs of delivery structures for the delivery of project water to it, and shall deposit with the State, prior to the commencement of construction of any such delivery structure, an amount of money estimated by the State to be sufficient to cover the costs thereof.

11. MEASUREMENT OF WATER DELIVERED

(a) Measurement by State

The State shall measure all project water delivered to the Agency and shall keep and maintain accurate and complete records thereof. For this purpose, the State shall install, operate, and maintain at all delivery structures for delivery of project water to the Agency such measuring devices and equipment as are satisfactory and acceptable to both parties. Said devices and equipment shall be examined, tested, and serviced regularly to insure their accuracy. At any time or times, the Agency or any other contractor may inspect such measuring devices and equipment, and the measurements and records taken therefrom.

(b) Agency to Advance Funds for Measuring Devices

The Agency shall pay all of the costs of acquiring and installing the measuring devices and equipment provided for in subdivision (a) of this article, and shall deposit with the State, prior to such acquisition and installation, an amount of money estimated by the State to be sufficient to cover such costs.

12.²¹ PRIORITIES, AMOUNTS, TIMES AND RATES OF DELIVERIES

(a) Procedure for Determining Water Delivery Schedule

The amounts, times, and rates of delivery of project water to the Agency during any year shall be in accordance with a water delivery schedule for that year, such schedule to be determined in the following manner:

(1) On or before October 1 of each year, the Agency shall submit in writing to the State a preliminary water delivery schedule, subject to the provisions of this article and Articles 6(b), 7(b), 10 and 17, indicating the amounts of water desired by the Agency during each month of the succeeding five (5) years.

(2)²² Upon receipt of a preliminary schedule the State shall review it and, after consultation with the Agency, shall make such modifications in it as are necessary to insure the delivery of the annual quantity allocated to the Agency in accordance with Article 18 and to insure that the amounts, times, and rates of delivery to the Agency will be consistent with the State's overall delivery ability, considering the then current delivery schedules of all contractors. On or before December 1 of each year, the State shall determine and furnish to the Agency the water delivery schedule for the next succeeding year which shall show the amounts of water to be delivered to the Agency during each month of that year.

(3) A water delivery schedule may be amended by the State upon the Agency's written request. Proposed amendments shall be submitted by the Agency within a reasonable time before the desired change is to become effective, and shall be subject to review and modification by the State in like manner as the schedule itself.

(b) Limit on Peak Deliveries of Water

In no event shall the State contract to deliver to any contractor from the project transportation facilities downstream from Pumping Plant VI (Tehachapi Pumping Plant) in any one month of any year a total amount of project water greater than eleven percent (11%) of such contractor's annual entitlement for that year; or to deliver to any contractor from the project transportation facilities upstream from said Pumping Plant VI in any one month of any year a total amount of project water greater than the sum of eighteen percent (18%) of that portion of such contractor's annual entitlement for that year to be put to agricultural use, as determined by the State, and eleven percent (11%) of that portion of such contractor's annual entitlement for that year to be put to municipal use, as determined by the State: *Provided*, That if the State delivers project water to any contractor through delivery structures both downstream and upstream from said Pumping Plant VI, the foregoing limitations shall be based on an appropriate

21 Title only: Amendment 17
22 Amended: Amendment 17

apportionment of such contractor's annual entitlement for the respective year to the respective portions of such contractor's service area to which delivery is made from the project transportation facilities downstream from said Pumping Plant VI and from the project transportation facilities upstream therefrom: *Provided further*, That the percentages set forth hereinabove may be revised for a particular contractor by amendment of this subdivision after submission to the State of that contractor's requests with respect to maximum monthly deliveries, such revision being subject to approval by the State and subject to advancement to the State by the contractor of funds sufficient to cover any additional costs of the project transportation facilities occasioned thereby, the amount of such funds to be determined pursuant to Article 24(d).

(c)²³ Limit on Rate of Delivery to Agency

In no event shall the State be obligated to deliver water to the Agency through all delivery structures at a total combined instantaneous rate of flow exceeding eleven (11) cubic feet per second, except as this rate of flow may be revised by amendment of this article after submission to the State of the Agency's requests with respect to maximum flow capacities to be provided in said delivery structures, pursuant to Article 10.

<(d)²⁴ Delivery of Water Not Delivered in Accordance With Schedule - Deleted>

(e)²⁵ Delivery of Carry-over Entitlement Water

Upon request of the Agency, the State shall make Carry-over Entitlement Water available for delivery to the Agency during the first three months of the next year, to the extent that such deliveries do not adversely affect current or future project operations, as determined by the State. The State's determination shall include, but not be limited to the operational constraints of project facilities, filling of project conservation storage, flood control releases and water quality restrictions.

Carry-over of entitlement water shall be limited to entitlement water that was included in the Agency's approved delivery schedule for October, November and December, but was not delivered due to:

- (1) scheduled or unscheduled outages of facilities within the Agency's service area; or
- (2) a delay in the planned application of a contractor's annual entitlement water for pre-irrigation; or
- (3) a delay in the planned spreading of the Agency's annual entitlement water for ground water storage.

After determining that the carry-over of entitlement water would not adversely affect project operations, the State shall notify the Agency of the amount of entitlement water to be carried over to the following January through March period. The notification shall include the proposed terms and conditions consistent with this Article 12(e) that would govern the delivery of the Carry-over Entitlement Water.

23 Amended: Amendment 2
24 Deleted: Amendment 17
25 Added: Amendment 15

The Agency agrees to pay all significant identifiable costs associated with its Carry-over Entitlement Water, as determined by the State.

All scheduling and delivery of Carry-over Entitlement Water shall be carried out pursuant to the provisions of this contract.

The Agency agrees to forego the delivery of any Carry-over Entitlement Water that is lost because of project operations or is not delivered by March 31 of the next year.

Any Carry-over Entitlement Water foregone by the Agency will become a part of the current year's total project supply.

(f)²⁶ Priorities

Each year water deliveries to the contractors shall be in accordance with the following priorities to the extent there are conflicts:

First, project water to meet scheduled deliveries of contractors' annual entitlements for that year.

Second, interruptible water to the extent contractors' annual entitlements for that year are not met by the first priority.

Third, project water to fulfill delivery requirements pursuant to Article 14(b).

Fourth, project water previously stored pursuant to Articles 12(e) and 56.

Fifth, nonproject water to fulfill contractors' annual entitlements for that year not met by the first two priorities.

Sixth, additional interruptible water delivered to contractors in excess of their annual entitlements for that year.

Seventh, additional nonproject water delivered to contractors in excess of their annual entitlements for that year.

13. RESPONSIBILITIES FOR DELIVERY AND DISTRIBUTION OF WATER

(a) State Not Liable for Operation Beyond Delivery Structures

Neither the State nor any of its officers, agents, or employees shall be liable for the control, carriage, handling, use, disposal, or distribution of project water supplied to the Agency after such water has passed the delivery structures established in accordance with Article 10; nor for claim of damage of any nature whatsoever, including but not limited to property damage, personal injury or death, arising out of or connected with the control, carriage, handling, use, disposal or distribution of such water beyond said delivery structures; and the Agency shall indemnify and hold harmless the State and its officers, agents, and employees from any such damages or claims of damages.

(b) Agency Not Liable for Operation Upstream from Delivery Structures

Neither the Agency nor any of its officers, agents, or employees shall be liable for the control, carriage, handling, use, disposal, or distribution of project water before such water has

26 Added: Amendment 17

passed the delivery structures established in accordance with Article 10; nor for claim of damage of any nature whatsoever, including but not limited to property damage, personal injury or death, arising out of or connected with the control, carriage, handling, use, disposal, or distribution of such water before it has passed said delivery structures.

14.²⁷ CURTAILMENT OF DELIVERY

(a) State May Curtail Deliveries

The State may temporarily discontinue or reduce the delivery of project water to the Agency hereunder for the purposes of necessary investigation, inspection, maintenance, repair, or replacement of any of the project facilities necessary for the delivery of project water to the Agency, as well as due to outages in, or reductions in capability of, such facilities beyond the State's control or unusability of project water due to an emergency affecting project facilities. The State shall notify the Agency as far in advance as possible of any such discontinuance or reduction, except in cases of emergency, in which case notice need not be given.

(b) Agency May Receive Later Delivery of Water Not Delivered

In the event of any discontinuance or reduction of delivery of project water pursuant to subdivision (a) of this article, the Agency may elect to receive the amount of annual entitlement which otherwise would have been delivered to it during such period under the water delivery schedule for that year at other times during the year or the succeeding year to the extent that such water is then available and such election is consistent with the State's overall delivery ability, considering the then current delivery schedules of annual entitlement to all contractors.

15. AREA SERVED BY AGENCY

(a) State Approval of Sale of Water by Agency Outside Boundaries

Project water delivered to the Agency pursuant to this contract shall not be sold or otherwise disposed of by the Agency for use outside the Agency without the prior written consent of the State.

(b) State Approval of Change in Boundaries or Organization of Agency

While this contract is in effect no change shall be made in the Agency either by inclusion or exclusion of lands, by partial or total consolidation or merger with another district, by proceedings to dissolve, or otherwise, except with the prior written consent of the State or except by act of the Legislature.

(c) Map of Agency

The Agency shall provide the State with a map satisfactory to the State indicating the major existing distribution facilities and the boundaries of the Agency at the time the contract is signed and supplementary maps whenever a boundary change is made.

27 Amended: Amendment 17

16. CONTINUITY AND DEPENDABILITY OF WATER SUPPLY

(a)²⁸ Limit on Total of all Maximum Annual Table A Amounts

The Agency's Maximum Annual Table A Amount hereunder, together with the maximum Table A amounts of all other contractors, shall aggregate no more than 4,185,000 acre-feet of project water.

(b) State to Perfect Water Rights

The State shall make all reasonable efforts to perfect and protect water rights necessary for the System and for the satisfaction of water supply commitments under this contract.

(c) State to Report on Ability to Meet Future Water Demands

Commencing within two (2) years from the year of initial project water delivery to the Agency, the State shall submit to the agency at not more than five-year intervals a report on the State's ability to meet future demands for project water and for supplemental water, and on the State's plans for constructing additional project conservation facilities and supplemental conservation facilities. Such reports shall include all estimates, projections, and other data which the State deems relevant thereto.

(d) Construction of Additional and Supplemental Conservation Facilities

Bond funds required to be expended for the construction of additional facilities of the System under the provisions of Section 12938 of the Water Code shall be expended only for construction of additional project conservation facilities as defined herein, and related, appurtenant facilities necessary and desirable to meet local needs: *Provided*, That if at any time after 1985 the State finds that a part or all of such bond funds are not then required for the above purpose, and will not be so required within the next succeeding ten (10) years, such bond funds may be used, to the extent permitted in the Bond Act, to construct supplemental conservation facilities as defined herein.

(e) Furnishing of Supplemental Water

In planning and designing supplemental conservation facilities the State shall give consideration to the requirements and demands for supplemental water of the Agency and others who have contracted for project water. Entitlements to supplemental water shall be obtained, and repayment therefor shall be arranged, in contracts separate from contracts for project water.

17. CONSTRUCTION OF PROJECT FACILITIES

(a) Determination of Aqueduct Capacities

Subject to the rights of the Agency under subdivision (b) of this article and the other provisions of this contract, the State shall provide in each aqueduct reach of the project transportation facilities such maximum monthly delivery capability for the transport and delivery of project water to the Agency as, in the judgment of the State, will best serve the interests of the Agency and all other contractors entitled to delivery of project water from or through said facilities: *Provided*, That within three (3) months after the effective date of this contract the Agency shall furnish to the State a written request specifying such maximum monthly delivery

28 Amended: Latest Amendment 18

capabilities, and the State shall give full consideration to such request in planning and designing said facilities.

(b) Criteria for Determining Capacity of Transportation Facilities

Subject to Article 45, the State shall design and construct the project transportation facilities so as to provide in each reach thereof, including reservoirs, the capacity necessary to enable delivery of project water in each year to the Agency and to other contractors in the maximum monthly amounts and at the locations, times, and maximum rates specified or provided for in their respective contracts for such year, and shall include in each such reach such capacity as is economically justified in the judgment of the State to compensate for scheduled outages for purposes of necessary investigation, inspection, maintenance, repair or replacement of project facilities, and for losses of water due to evaporation, leakage, seepage, or other causes: *Provided*, That regulatory storage reservoirs included in the project transportation facilities may be utilized in conjunction with conveyance capacity provided in said facilities for delivery to the Agency of the foregoing monthly amounts.

(c) Inspection of Project Plans and Specifications

The Agency shall have a reasonable opportunity to inspect and study the State's plans and specifications for all project facilities and may make comments and recommendations thereon to the State. Such privilege shall also extend to any plans and specifications in connection with the use by the State, in conjunction with the project facilities, of facilities owned by an entity other than the State. The State shall not enter into any such agreement which would impair the State's ability to perform fully its obligations under this contract.

(d) Restriction on Bond Sales

No bonds shall be sold nor funds expended under the authority of the Bond Act for the construction of any aqueduct or appurtenance thereto included in the System unless and until contracts are executed which will insure the recovery by the State of at least seventy-five percent (75%) of those capital costs of the particular aqueduct and any appurtenances thereto which shall be reimbursable by the contractors as determined by the State; nor shall any bonds be sold or funds expended under the authority of the Bond Act for the construction of any project conservation facility or supplemental conservation facility, unless and until contracts are executed which, together with estimated revenues from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities and supplemental conservation facilities, will insure the recovery by the State of at least seventy-five percent (75%) of those capital costs of the particular facility which shall be reimbursable by the contractors as determined by the State: *Provided*, That the foregoing limitations shall not apply with respect to: (1) surveys, engineering studies, exploratory work, designs, preparation of construction plans and specifications, acquisition of lands, easements and rights of way, relocation work, and essential administrative work in connection therewith; (2) construction for which appropriations had been made prior to approval of the Bond Act by the voters of the State of California; and (3) construction of facilities pursuant to an agreement between the State and the United States.

(e) Failure to Complete Facilities

In the event that the State fails or is unable to complete construction of any portion or portions of the project transportation facilities necessary to deliver water to the Agency as provided in this contract, and gives the Agency written notice thereof, or by reason of such failure or inability construction of said facilities has ceased for a period of two and one-half (2 ½) years, the Agency, if it be not then in default and without exclusion of such other rights as it may have under this contract, may exercise the following options:

(1) The Agency may provide funds to the State in such amounts and at such times as may be necessary to enable the State to complete construction of such uncompleted portion or portions of the project transportation facilities to the extent necessary for the transport and delivery of water to the Agency as provided for in this contract: *Provided*, That the State shall be and remain the owner of such project transportation facilities or portions thereof constructed in whole or in part with funds provided by the Agency, and shall be and remain obligated to operate, maintain, repair and replace such facilities to the full extent contemplated in this contract: *Provided further*, That the amount of any funds so provided by the Agency shall be credited by the State against the Agency's payment obligation under the capital cost component of the Transportation Charge, but the Agency shall be and remain obligated to pay its share of any capital costs of the above-described facilities not paid for with such funds, together with its proportionate share of the operation, maintenance, power and replacement costs of such facilities.

(2) The Agency may at its own expense, and on a joint venture basis if such an arrangement is made with other contractors having similar options, connect to the project transportation facilities constructed by the State for the purpose of receiving project water to which it is entitled under this contract. In such event and notwithstanding any other provisions of this contract, the structures for delivery of project water to the Agency pursuant hereto shall thereafter be deemed to be located at such point of connection. Specific arrangements for acquiring, constructing, operating, maintaining and replacing the Agency's facilities at the point of connection thereof with the State's facilities shall be in accordance with terms and conditions mutually agreed upon by the parties: *Provided*, That the State shall be and remain the owner of all facilities constructed by it to said point of connection, and the Agency shall be and remain obligated to pay its proportionate share of the costs thereof.

(f)²⁹ Adjustments Due to Supplemental Financing Costs

(1) If a contractor, with approval of the State, advances funds to the State to assist the State in financing construction of project facilities (not including delivery structures, measuring devices and excess capacity), such advance shall be amortized by means of annual credits to the contractor having made such advance of funds to the State, with such credits being equal to the actual bond service obligations payable by such contractor by reason of such advance or, if no bonded debt was incurred, then such credits shall be sufficient to cover the repayment of principal and interest costs which

29 Added: Amendment 5

would have resulted if the contractor had sold bonds for the purpose of funding the advance as determined by the State.

(2) If, after May 1, 1969, any source of funds other than those provided by the Bond Act is employed to finance construction of specific project facilities, any additional costs incurred because of such financing will not be charged to the contractors, except for adjustments to the “project interest rate”.

18.³⁰ SHORTAGE IN WATER SUPPLY

(a) Shortages; Delivery Priorities

In any year in which there may occur a shortage due to drought or any other cause whatsoever, in the supply of project water available for delivery to the contractors, with the result that such supply is less than the total of the annual entitlements of all contractors for that year, the State shall allocate the available supply in proportion to each contractor’s annual entitlement as set forth in its Table A for that year and shall reduce the allocation of project water to each contractor using such water for agricultural purposes and to each contractor using such water for other purposes by the same percentage of their respective annual entitlements for that year: *Provided*, that the State may allocate on some other basis if such is required to meet minimum demands of contractors for domestic supply, fire protection, or sanitation during the year. If a contractor is allocated more water than it requested, the excess water shall be reallocated among the other contractors in proportion to their annual entitlements as provided for above. The foregoing provisions of this subdivision shall be inoperative to the extent necessary to comply with subdivision (c) of this article and to the extent that a contractor’s annual entitlement for the respective year reflects established rights under the area of origin statutes precluding a reduction in deliveries to such contractor.

<(b) Permanent Shortage; Reduction of Entitlements - Deleted>

(c) Permanent Shortage; Contracts for Areas-of-Origin

In the event that the State, because of the establishment by a party of a prior right to water under the provisions of Sections 11460 through 11463 of the Water Code, enters into a contract with such party for a dependable supply of project water, which contract will cause a permanent shortage in the supply of project water to be made available to the Agency hereunder:

(1) The State shall: (i) equitably redistribute the costs of all transportation facilities included in the System among all contractors for project water, taking into account the diminution of the supply to the Agency and other prior contractors in accordance with the terms of their contracts, and (ii) revise the Agency’s annual entitlements and maximum annual entitlement, by amendment of Table A of this contract to correspond to the reduced supply of project water to be made available to the Agency: *Provided*, That such redistribution of costs of transportation facilities shall not be made until there has been reasonable opportunity for the Agency to exercise the option provided for in (2) below, and for other prior contractors to exercise similar options.

(2) The Agency, at its option, shall have the right to use any of the project transportation facilities which by reason of such permanent shortage in the supply of

30 Amended entire article: Amendment 17

project water to be made available to the Agency are not required for delivery of project water to the Agency, to transport water procured by it from any other source: *Provided*, That such use shall be within the limits of the capacities provided in the project transportation facilities for service to the Agency under this contract: *Provided further*, That, except to the extent such limitation in Section 12931 of the Water Code be changed, the Agency shall not use the project transportation facilities under this option to transport water the right to which was secured by the Agency through eminent domain unless such use be approved by the Legislature by concurrent resolution with a majority of the members elected to each house voting in favor thereof. This option shall terminate upon a redistribution of costs of transportation facilities by the State pursuant to (1) above. In the event that this option is exercised, the State shall take such fact into account in making such redistribution of costs, and shall offset such use as is made of the project transportation facilities pursuant thereto against any reduction in the Agency's payment obligation hereunder resulting from such redistribution of costs.

(d) Reinstatement of Entitlements

If after any revision of annual entitlements and maximum annual entitlements pursuant to subdivision (c) of this article, circumstances arise which, in the judgment of the State, justify a revision upward of the same, the State shall, with the consent of the affected contractor, reinstate proportionately the previously reduced entitlements of such contractor to the extent deemed justified, and shall equitably redistribute the costs of the project transportation facilities if inequities would otherwise occur as a result of such reinstatement of entitlements.

(e) Advance Notice of Delivery Reductions

The State shall give the Agency written notice as far in advance as possible of any reduction in deliveries to it which is to be made under subdivision (a) of this article and, to the extent possible, shall give the Agency written notice five (5) years in advance of any reduction in its annual entitlements and maximum annual entitlement under subdivision (c) of this article. Reports submitted to the Agency pursuant to Article 16(c) may constitute such notices.

(f) No Liability for Shortages

Neither the State nor any of its officers, agents, or employees shall be liable for any damage, direct or indirect, arising from shortages in the amount of water to be made available for delivery to the Agency under this contract caused by drought, operation of area of origin statutes, or any other cause beyond its control.

19. WATER QUALITY

(a) Table of Water Quality Objectives

It shall be the objective of the State and the State shall take all reasonable measures to make available, at all delivery structures for delivery of project water to the Agency, project water of such quality that the following constituents do not exceed the concentrations stated as follows:

<i>Constituent</i>	<i>Unit</i>	<i>Monthly Average</i>	<i>Average for any 10-year Period</i>	<i>Maximum</i>
Total Dissolved Solids	ppm.	440	220	
Total Hardness	ppm.	180	110	
Chlorides	ppm.	110	55	
Sulfates	ppm.	110	20	
Boron	ppm.	0.6		
Sodium Percentage	%	50	40	
Fluoride	ppm.			1.5
Lead	ppm.			0.1
Selenium	ppm.			0.05
Hexavalent Chromium	ppm.			0.05
Arsenic	ppm.			0.05
Iron and Manganese together	ppm.			0.3
Magnesium	ppm.			125
Copper	ppm.			3.0
Zinc	ppm.			15
Phenol	ppm.			0.001

(b) Records of Water Quality

The State shall regularly take samples of water at each delivery structure for delivery of project water to the Agency, and shall make chemical and physical analyses and tests of such samples. The State shall keep accurate and complete records of all such analyses and tests, which records shall be available for inspection by the Agency at any time or times.

(c) No Liability for Failure to Meet Quality Objectives

If through no negligence of the State or its officers, agents, or employees, the State is unable to attain the quality objectives set forth in subdivision (a) of this article, neither the State nor any of its officers, agents, or employees shall be liable in any manner whatsoever for such deviation from said quality objectives.

20. SUSPENSION OF SERVICE UPON DEFAULT

In the event of any default by the Agency in the payment of any money required to be paid to the State hereunder, the State may, upon not less than six months' notice to the Agency, suspend deliveries of water under this contract for so long as such default continues: *Provided*, That during such period the Agency shall remain obligated to make all payments required under this contract. Action taken pursuant to this article shall not deprive the State of or limit any remedy provided by this contract or by law for the recovery of money due or which may become due under this contract.

21.³¹ INTERRUPTIBLE WATER SERVICE

(a) Allocation of Interruptible Water

Each year from water sources available to the project, the State shall make available and allocate interruptible water to contractors in accordance with the procedure in Article 18(a). Allocations of interruptible water in any one year may not be carried over for delivery in a subsequent year, nor shall the delivery of interruptible water in any year impact a contractor's approved deliveries of annual entitlement or the contractor's allocation of water for the next year. Deliveries of interruptible water in excess of a contractor's annual entitlement may be made if the deliveries do not adversely affect the State's delivery of annual entitlement to other contractors or adversely affect project operations. Any amounts of water owed to the Agency as of the date of this amendment pursuant to former Article 12(d), any contract provisions or letter agreements relating to wet weather water, and any Article 14(b) balances accumulated prior to 1995, are canceled. The State shall hereafter use its best efforts, in a manner that causes no adverse impacts upon other contractors or the project, to avoid adverse economic impacts due to a contractor's inability to take water during wet weather.

(b) Rates

For any interruptible water delivered pursuant to this article, contractors shall pay the State the same (including adjustments) for power resources (including on-aqueduct, off-aqueduct, and any other power) incurred in the transportation of such water as if such interruptible water were entitlement water, as well as all incremental operation, maintenance, and replacement costs, and any other incremental costs, as determined by the State. The State shall not include any administrative or contract preparation charge. Incremental costs shall mean those nonpower costs which would not be incurred if interruptible water were not scheduled for or delivered to the contractor. Only those contractors not participating in the repayment of the capital costs of a reach shall be required to pay any use of facilities charge for the delivery of interruptible water through that reach.

(c) Contracts

To obtain a supply of interruptible water, a contractor shall execute a further contract with the State which shall be in conformity with this article and shall include at least provisions concerning the scheduling of deliveries of interruptible water and times and methods of payment.

31 Amended: Amendments 11, 16, 17

C. PAYMENT PROVISIONS

22. DELTA WATER CHARGE

(a) Payment of Reimbursable Costs of Project Conservation Facilities

The payments to be made by each contractor for project water shall include an annual charge designated as the Delta Water Charge. This charge, together with the total revenues derived during the project repayment period from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities, shall return to the State during the project repayment period all costs of the project conservation facilities including capital, operation, maintenance, power, and replacement costs, which are allocated to the purpose of water conservation in, above, and below the Delta pursuant to subdivision (e) of this article during the project repayment period. Wherever reference is made, in connection with the computation or determination of the Delta Water Charge, to the costs of any facility or facilities included in the System, such reference shall be only to those costs of such facility or facilities which are reimbursable by the contractors as determined by the State.

(b)³² Delta Water Rate Until 1970; Components of Rate Thereafter

For each contractor receiving project water in any year through December 31, 1969, the Delta Water Charge shall be the product of \$3.50 and the contractor's annual entitlement to project water for the respective year. For each contractor receiving project water in the year 1970, the Delta Water Charge shall be the product of \$6.65 and the contractor's annual entitlement to project water for that year. The \$6.65 rate for the year 1970 shall consist of a capital cost component of \$5.04 and a minimum operation, maintenance, power and replacement component of \$1.61. For each contractor receiving project water in the year 1971, the Delta Water Charge shall be the product of \$7.24 and the contractor's annual entitlement to project water for that year. The \$7.24 rate for the year 1971 shall consist of a capital cost component of \$5.44 and a minimum operation, maintenance, power and replacement component of \$1.80. After December 31, 1971, the Delta Water Charge shall consist and be the sum of the following components as these are computed in accordance with subdivisions (c) and (d) of this article: a capital cost component; a minimum operation, maintenance, power and replacement component; and a variable operation, maintenance, power and replacement component.

(c) Computation of the Components of the Delta Water Rate

The capital cost, the minimum operation, maintenance, power, and replacement, and the variable operation, maintenance, power, and replacement components of the Delta Water Charge, together with that portion of the revenues derived during the project repayment period from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities which is allocated by the State to repayment of the respective category of costs, shall return to the State during the project repayment period, respectively, the following categories of the costs allocated to the purpose of water conservation in, above, and below the Delta pursuant to subdivision (e) of this article: (1) capital costs; (2) operation,

32 Amended: Amendment 5, 6

maintenance, power, and replacement costs incurred irrespective of the amount of project water delivered to the contractors; and (3) operation, maintenance, power, and replacement costs incurred in an amount which is dependent upon and varies with the amount of project water delivered to the contractors: *Provided*, That each of the above categories of costs shall be inclusive of the appropriate costs properly chargeable to the generation and transmission of electrical energy in connection with operation of project conservation facilities. Each component of the Delta Water Charge shall be computed on the basis of a rate which, when charged during the project repayment period for each acre-foot of the sum of the yearly totals of annual entitlements of all contractors, will be sufficient, together with that portion of the revenues derived during the project repayment period from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities which is allocated by the State to repayment of the respective category of costs covered by that component. Each such rate shall be computed in accordance with the following formula:

$$\frac{(c_1 - r_1) (1 + i)^{-1} + (c_2 - r_2) (1 + i)^{-2} + \dots + (c_n - r_n) (1 + i)^{-n}}{e_1 (1 + i)^{-1} + e_2 (1 + i)^{-2} + \dots + e_n (1 + i)^{-n}}$$

Where:

- i = The project interest rate.
- c = The total costs included in the respective category of costs for the respective year of the project repayment period.
- r = That portion of the revenues derived from the sale or other disposal of electrical energy allocated by the State to repayment of the costs included in the respective category for the respective year of the project repayment period.

1, 2, and n
appearing
below

- c and r = The respective year of the project repayment period for which costs are included in the respective category, n being the last year of the project repayment period.
- e = With respect to the capital cost and minimum operation, maintenance, power, and replacement components, the total of annual entitlements to project water of all contractors for the respective year of the project repayment period.
- e = With respect to the variable operation, maintenance, power, and replacement component, the total of the amounts of project water delivered to all contractors for the respective year of the expired portion of the project repayment period, together with the total of annual entitlements to project water of all contractors for the respective year of the unexpired portion of the project repayment period.

1, 2, and n
appearing
below

- e = The respective year of the project repayment period in which the annual entitlements or project water deliveries occur, n being the last year of the project repayment period.

n used
as an
exponent = The number of years in the project repayment period.

(d) Application of Component Rates

The capital cost and minimum operation, maintenance, power, and replacement components of the Delta Water Charge shall be the product of the appropriate rate computed under subdivision (c) of this article, and the contractor's annual entitlement to project water for the respective year. The variable operation, maintenance, power, and replacement component of the charge shall be the product of the appropriate rate computed under subdivision (c) of this article and the number of acre-feet of project water delivered to the contractor during the respective year: *Provided*, That when project water has been requested by a contractor and delivery thereof has been commenced by the State, and, through no fault of the State, such water is wasted as a result of failure or refusal by the contractor to accept delivery thereof, said variable component during such period shall be the product of said rate per acre-foot and the sum of the number of acre-feet of project water delivered to the contractor and the number of acre-feet wasted.

(e)³³ Allocations to Project Purposes

Prior to the time that additional project conservation facilities or supplemental conservation facilities are constructed, the Delta Water Charge shall be determined on the basis of an allocation to project purposes, by the separable cost-remaining benefits method, of all actual and projected costs of all those initial project conservation facilities located in and above the Delta, and upon an allocation to the purposes of water conservation and water transportation, by the proportionate use of facilities method, of all actual and projected costs of the following project facilities located below the Delta: The aqueduct intake facilities at the Delta, Pumping Plant I (Delta Pumping Plant), the aqueduct from the Delta to San Luis Forebay (O'Neill Forebay), San Luis Forebay (O'Neill Forebay), and San Luis Reservoir: *Provided*, That all of the actual and projected costs properly chargeable to the generation and transmission of electrical energy in connection with operation of project conservation facilities shall be allocated to the purpose of water conservation in, above, and below the Delta: *Provided further*, That allocations to purposes the cost of which are to be paid by the United States shall be as determined by the United States.

Commencing in the year in which the State first awards a major construction contract for construction of a major feature of additional project conservation facilities, or first commences payments under a contract with a federal agency in the event a major feature of additional project conservation facilities is constructed by such federal agency under an agreement requiring the State to pay all or part of the costs of such construction, the Delta Water Charge shall be determined on the basis of the foregoing allocations and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to the foregoing provisos, of all projected costs of such feature of the additional project conservation facilities: *Provided*, That if the agreement with such federal agency allows repayment of costs of a portion of a facility to be

33 Amended: Amendment 7

deferred, the associated costs of such portion shall be excluded from the Delta Water Charge computations until repayment of such deferred costs or interest thereon is commenced by the State: *Provided further*, That all costs of additional project conservation facilities incurred prior to the award of a major construction contract, shall be included in the Delta Water Charge computations in the year in which they are incurred.

(f) Yearly Recomputation of Rates After 1970

The rates to be used in determining the components of the Delta Water Charge pursuant to subdivision (d) of this article and to become effective on January 1, 1970, shall be computed by the State in accordance with subdivision (c) of this article prior to that date. Such computation shall include an adjustment which shall account for the difference, if any, between revenues received by the State under the Delta Water Charge prior to January 1, 1970, and revenues which would have been received under the charge prior to that date had it been computed and charged in accordance with subdivisions (c) and (d) of this article. Upon such computation, a document establishing such rates shall be prepared by the State and attached to this contract as an amendment of this article. The State shall recompute such rates each year thereafter, and each such recomputation shall take account of and reflect increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State incurred to construct the project conservation facilities described in subdivision (e) of this article, annual entitlements, deliveries of project water, project interest rate, revenues from the sale or other disposal of electrical energy, and all other factors which are determinative of such rates. In addition, each such recomputation shall include an adjustment of the rates for succeeding years which shall account for the differences, if any, between projections of costs used by the State in determining said rates for all preceding years, and actual costs incurred by the State during such years. Upon each such recomputation, an appropriately revised copy of the document establishing such rates shall be prepared by the State and attached to this contract as an amendment of this article.

(g)³⁴ Supplemental Conservation Facilities

Upon the construction of the supplemental conservation facilities, the Delta Water Charge shall be paid by all contractors for supplemental water, as well as by contractors for project water, and, together with revenues derived from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities and supplemental conservation facilities, shall return to the State, in addition to those costs of the project conservation facilities allocated to the purpose of water conservation, in, above, and below the Delta pursuant to subdivision (e) of this article, all costs of such supplemental conservation facilities, including capital, operation, maintenance, power, and replacement costs which are allocated to the purpose of water conservation, in, above, and below the Delta pursuant hereto. Commencing in the year in which the State first awards a major construction contract for construction of a major feature of any supplemental conservation facilities, or first commences payments under a contract with a federal agency in the event a major feature of supplemental conservation facilities is constructed by such federal agency under an agreement requiring the State to pay all or part of the costs of such construction, the Delta Water Charge shall be determined on the basis of the allocations made pursuant to subdivision (e) of this article, and upon an allocation to project purposes, by the separable costs-remaining benefits method and

34 Amended: Amendment 7

subject to provisos corresponding to those contained in said subdivision (e), of all projected costs of such feature of the supplemental conservation facilities. Commencing in the same year, the computation of the rates to be used in determining the components of the Delta Water Charge shall include the annual entitlements to water under all contracts for supplemental water. If the repayment period of any bonds sold to construct supplemental conservation facilities or the repayment period under any agreement with a federal agency for repayment of the costs of supplemental conservation facilities constructed by such federal agency extends beyond the repayment period of the contract, the Delta Water Charge shall be determined and redetermined on the basis of such extended repayment period as the State determines to be appropriate: *Provided*, That if the agreement with such federal agency allows repayment of costs of a portion of a facility to be deferred, the associated costs of such portion shall be excluded from the Delta Water Charge computations until repayment of such deferred costs or interest thereon is commenced by the State.

(h)³⁵ <Local Project as Additional Conservation Facility>

The determination of the rate for water under the Delta Water Charge shall be made by including the appropriate costs and quantities of water, calculated in accordance with subdivisions (c), (d) and (e) above, for all additional project conservation facilities as defined in Article 1(h) hereinabove. In the event a Local Project as defined in Article 1(h)(2) will, pursuant to written agreement between the State and the sponsoring contractor, be considered and treated as an additional project conservation facility for less than the estimated life of the facility, the rate under the Delta Water Charge will be determined on the basis of that portion of the appropriate cost and water supply associated with such facility as the period of time during which such facility shall be considered as an additional project conservation facility bears to the estimated life of such facility. No costs for the construction or implementation of any Local Project are to be included in the Delta Water Charge unless and until the written agreement required by Article 1(h) has been entered into.

(i)³⁶ <Project Water Purchased by State>

In calculating the rate for project water to be paid by each contractor for the Delta Water Charge under subdivisions (c), (d) and (e) above, the component for operation, maintenance, power and replacement costs shall include, but not be limited to, all costs to the State incurred in purchasing water, which is competitive with alternative sources as determined by the State, for delivery as project water.

(j)³⁷ <Recovery of Water System Revenue Bond Financing Costs>

Notwithstanding provisions of Article 22(a) through (i), the capital cost component and the minimum OMP&R component of the Delta Water Charge shall include an annual charge to recover the Agency's share of the conservation portion of the water system revenue bond financing costs. Charges to the Agency for these costs shall be calculated in accordance with provisions in Article 50 of this contract. Charges for the conservation portion of the water system revenue bond financing costs shall not be affected by any reductions in payments pursuant to Article 51.

35 Added: Amendment 13
36 Added: Amendment 13
37 Added: Amendment 14, 17

23. TRANSPORTATION CHARGE

The payments to be made by each contractor entitled to delivery of project water from the project transportation facilities shall include an annual charge under the designation Transportation Charge. This charge shall return to the State during the project repayment period those costs of all project transportation facilities necessary to deliver project water to the contractor including capital, operation, maintenance, power, and replacement costs, which are allocated to the contractor during the project repayment period in accordance with the cost allocation principles and procedures herein after set forth. Wherever reference is made, in connection with the computation, determination, or payment of the Transportation Charge, to the costs of any facility or facilities included in the System, such reference shall be only to those costs of such facility or facilities which are reimbursable by the contractors as determined by the State. The Transportation Charge shall consist of a capital cost component; a minimum operation, maintenance, power, and replacement component; and a variable operation, maintenance, power, and replacement component, as these components are defined in and determined under Articles 24, 25, and 26, respectively. For the purpose of allocations of costs pursuant to said articles, the project transportation facilities shall be segregated into such aqueduct reaches as are determined by the State to be necessary for such allocations of costs. Subject to such modifications as are determined by the State to be required by reason of any request furnished by the Agency to the State pursuant to Article 17(a) of this contract, or by reason of contracts entered into by the State with other contractors, the aqueduct reaches of the project transportation facilities are established as set forth in Table I of this contract: *Provided*, That those costs of the aqueduct reaches from the Delta through the outlet of San Luis Reservoir which are allocated to the purpose of water conservation in, above, and below the Delta for the purpose of determining the Delta Water Charge, as hereinbefore set forth, shall not be included in the Transportation Charge.

24. TRANSPORTATION CHARGE - CAPITAL COST COMPONENT

(a) Method of Computation

The capital cost component of the Transportation Charge shall be sufficient to return to the State those capital costs of the project transportation facilities necessary to deliver water to the contractor which are allocated to the contractor pursuant to subdivision (b) of this article. The amount of this component shall be determined in two steps as follows: (1) an allocation of capital costs to the contractor, and (2) a computation of annual payment of such allocated capital costs and interest thereon, computed at the project interest rate and compounded annually, to be made by the contractor.

(b)³⁸ Allocation of Capital Costs Among Contractors

In the first step, the total amount of capital costs of each aqueduct reach to be returned to the State shall be allocated among all contractors entitled to delivery of project water from or through the reach by the proportionate use of facilities method of cost allocation and in accordance with (1) and (2) below. The measure of the proportionate use of each contractor of each reach shall be the average of the following two ratios: (i) the ratio of the contractor's maximum annual entitlement to be delivered from or through the reach to the total of the

38 Amended: Amendment 17

maximum annual entitlements of all contractors to be delivered from or through the reach from the year in which charges are to be paid through the end of the project repayment period and (ii) the ratio of the capacity provided in the reach for the transport and delivery of project water to the contractor to the total capacity provided in the reach for the transport and delivery of project water to all contractors served from or through the reach from the year in which charges are to be paid through the end of the project repayment period. Allocations of capital costs to the Agency pursuant hereto shall be on the basis of relevant values which will be set forth in Table B of this contract by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach of the project transportation facilities for the transport and delivery of project water to the Agency, pursuant to Article 17(a): *Provided*, That these values shall be subject to redetermination by the State in accordance with Article 28: *Provided further*, That the principles and procedures set forth in this subdivision shall be controlling as to allocations of capital costs to the Agency. Proportionate use of facilities factors for prior years shall not be adjusted by the State in response to changes or transfers of entitlement among contractors unless otherwise agreed by the State and the parties to the transfer and unless there is no impact on past charges or credits of other contractors.

(1) The total amount of capital costs allocated to a contractor shall be the sum of the products obtained when there is multiplied, for each aqueduct reach necessary to deliver water to the contractor, the total amount of the capital costs of the reach to be returned to the State under the Transportation Charge by the average of the two foregoing ratios for such reach as said average is set forth in the appropriate table included in its contract.

(2) In the event that excess capacity is provided in any aqueduct reach for the purpose of making project water available in the future to an agency or agencies with which the State has not executed contracts at the time of any allocation of costs pursuant to this subdivision, the prospective maximum annual entitlement or entitlements to be supplied by such excess capacity, as determined by the State, shall be deemed to be contracted for by said agency or agencies for the purpose of such allocation of costs, to the end that the capital costs of providing such excess capacity are not charged to any contractor entitled by virtue of an executed contract to the delivery of project water from or through that aqueduct reach at the time of such allocation. Where additional capacity is provided in any aqueduct reach to compensate for loss of water due to evaporation, leakage, seepage, or other causes, or to compensate for scheduled outages for purposes of necessary investigation, inspection, maintenance, repair or replacement of the facilities of the project facilities, then, for the purpose of any allocation of costs pursuant to this subdivision: (i) the maximum annual entitlement to be delivered from or through the reach of each contractor entitled to delivery of project water from or through the reach shall be increased by an amount which bears the same proportion to the maximum annual delivery capability provided by such additional capacity that the contractor's maximum annual entitlement to be delivered from or through the reach bears to the total of the maximum annual entitlements to be delivered from or through the reach under all contracts; and (ii) the capacity provided in the reach for each contractor entitled to delivery of project water from or through the reach shall be increased in the same

proportion that the contractor's maximum annual entitlement to be delivered from or through the reach is increased pursuant to (i) above.

(3) The projected amounts of capital costs to be allocated annually to the Agency under the capital cost component of the Transportation Charge shall be determined by the State in accordance with the cost allocation principles and procedures set forth in this subdivision, which principles and procedures shall be controlling as to allocations of capital costs to the Agency. Such amounts will be set forth in Table C of this contract by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the Agency, pursuant to Article 17(a): *Provided*, That these amounts shall be subject to redetermination by the State in accordance with Article 28.

(c) Annual Payments of Allocated Capital Costs

In the second step, the Agency's annual payment of its allocated capital costs and interest thereon, computed at the project interest rate and compounded annually, shall be determined in accordance with a payment schedule established by the State and determined in accordance with the principles set forth in (1), (2), and (3) below, which principles shall be controlling as to the Agency's payment of its allocated capital costs. The Agency's payment schedule will be set forth in Table D of this contract by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the Agency, pursuant to Article 17(a): *Provided*, That the amounts set forth in Table D shall be subject to redetermination by the State, pursuant to Article 28.

(1) The Agency's annual payment shall be the sum of the amounts due from the Agency on the Agency's allocated capital costs for the then current year and for each previous year where each such amount will pay, in not more than fifty (50) equal annual installments of principal and interest, the Agency's allocated capital costs for the respective year and interest thereon, computed at the project interest rate and compounded annually.

(2) The Agency may make payments at a more rapid rate if approved by the State.

(3) Such annual payments shall cease when all allocated capital costs and interest thereon, computed at the project interest rate and compounded annually, are repaid.

(d) Payment in Advance for Excess Peaking Capacity

In the event that any contractor, pursuant to Article 12(b), requests delivery capacity in any aqueduct reach which will permit maximum monthly deliveries to such contractor in excess of the percentage amounts specified in said Article 12(b) for the uses designated therein, such contractor shall furnish to the State, in advance of the construction of such aqueduct reach, funds sufficient to cover the costs of providing such excess capacity, which funds shall be in an amount which bears the same proportion to the total capital costs of such reach, including the costs of providing such excess capacity, as such excess capacity bears to the total capacity of such reach,

including such excess capacity. For the purpose of any allocation of costs pursuant to subdivision (b) of this article, the total capital costs of such aqueduct reach shall be allocated among all contractors entitled to delivery of project water from or through the reach in the following manner:

(1) The costs which would have been incurred for such reach had no such excess capacity been provided shall be estimated by the State and allocated among all such contractors in the manner provided in said subdivision (b); and

(2) The amount of the difference between said estimated costs and the projected actual costs of such reach shall be allocated to the contractor or contractors for which such excess capacity is provided.

Where such excess capacity is provided for more than one contractor, the costs allocated to them under (2) above shall be further allocated between or among them in amounts which bear the same proportion to the total of said allocated costs as the amount of such excess capacity provided for the respective contractor bears to the total of such excess capacity provided in such reach. In the event that the funds advanced by a contractor pursuant to this subdivision are more or less than the costs so allocated to such contractor under (2) above, the account of such contractor shall be credited or debited accordingly.

(e) Costs Incurred Prior to Date of Contract

The Agency's allocated capital costs for the year preceding the year of initial payment of the capital component of the Transportation Charge, pursuant to subdivision (c) of this article, shall consist of the sum of the Agency's allocated capital costs for each year through such year preceding the year of initial payment, and interest thereon, computed at the project interest rate and compounded annually.

(f)³⁹ <Off-Aqueduct Power Facilities>

The capital costs of project aqueduct power recovery plants shall be charged and allocated in accordance with this Article 24. The capital costs of off-aqueduct power facilities shall be charged and allocated in accordance with Article 25(d).

(g)⁴⁰ <Recovery of Water System Revenue Bond Financing Costs>

Notwithstanding provisions of Article 24(a) through (d), the capital cost component of the Transportation Charge shall include an annual charge to recover the Agency's share of the transportation portion of the water system revenue bond financing costs. Charges to the Agency for these costs shall be calculated in accordance with the provisions of Article 50 of this contract. Charges for the transportation portion of the water system revenue bond financing costs shall not be affected by any reductions in payments pursuant to Article 51.

39 Added: Amendment 13
40 Amended: Amendment 17

25. TRANSPORTATION CHARGE - MINIMUM OPERATION, MAINTENANCE, POWER, AND REPLACEMENT COMPONENT

(a) Method of Computation

The minimum operation, maintenance, power, and replacement component of the Transportation Charge shall return to the State those costs of the project transportation facilities necessary to deliver water to the contractor which constitute operation, maintenance, power, and replacement costs incurred irrespective of the amount of project water delivered to the contractor and which are allocated to the contractor pursuant to (b) below: *Provided*, That to the extent permitted by law, the State may establish reserve funds to meet anticipated minimum replacement costs; and deposits in such reserve funds by the State: (1) shall be made in such amounts that such reserve funds will be adequate to meet such anticipated costs as they are incurred, and (2) shall be deemed to be a part of the minimum replacement costs for the year in which such deposits are made.

(b) Allocation of Costs

The total projected minimum operation, maintenance, power, and replacement costs of each aqueduct reach of the project transportation facilities for the respective year shall be allocated among all contractors entitled to delivery of project water from said facilities by the proportionate use of facilities method of cost allocation, in the same manner and upon the same bases as are set forth for the allocation of capital costs in Article 24: *Provided*, That such minimum operation, maintenance, power, and replacement costs as are incurred generally for the project transportation facilities first shall be allocated to each aqueduct reach in an amount which bears the same proportion to the total amount of such general costs that the amount of the costs incurred directly for the reach bears to the total of all direct costs for all aqueduct reaches.

(c) Payment Table

The amount to be paid each year by the Agency under the minimum operation, maintenance, power, and replacement component of the Transportation Charge shall be determined in accordance with subdivision (b) of this article on the basis of the relevant values to be set forth for the respective aqueduct reaches in Table B of this contract: *Provided*, That these values shall be subject to redetermination by the State in accordance with Article 28. Such amounts and any interest thereon shall be set forth by the State in Table E of this contract as soon as designs and cost estimates have been prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the Agency, pursuant to Article 17(a): *Provided*, That the amounts set forth in Table E shall be subject to redetermination by the State in accordance with Article 28.

(d)⁴¹ <Off-Aqueduct Power Facilities>

Notwithstanding the provisions of subdivisions (a) and (b) of this article, or of Article 1(s), the costs of off-aqueduct power facilities shall be determined and allocated as follows:

41 Added: Amendment 13, 17

(1) The off-aqueduct power costs shall include all annual costs the State incurs for any off-aqueduct power facility, which shall include, but not be limited to, power purchases, any annual principal and interest payments on funds borrowed by or advanced to the State, annual principal and interest on bonds issued by the State or other agency, or under revenue bond financing contracts, any requirements for coverage, deposits to reserves, and associated operation and maintenance costs of such facility, less any credits, interest earnings, or other monies received by the State in connection with such facility. In the event the State finances all or any part of an off-aqueduct power facility directly from funds other than bonds or borrowed funds, in lieu of such annual principal and interest payments, the repayment of capital costs as to that part financed by such other funds shall be determined on the basis of the schedule that would have been required under Article 24.

(2) The annual costs of off-aqueduct power facilities as computed in (1) above shall initially be allocated among contractors in amounts which bear the same proportions to the total amount of such power costs that the total estimated electrical energy (kilowatt hours) required to pump through project transportation facilities the desired delivery amounts of annual entitlements for that year, as submitted pursuant to Article 12(a)(1) and as may be modified by the State pursuant to Article 12(a)(2), bears to the total estimated electrical energy (kilowatt hours) required to pump all such amounts for all contractors through project transportation facilities for that year, all as determined by the State.

(3)⁴² An interim adjustment in the allocation of the power costs calculated in accordance with (2) above, may be made in May of each year based on April revisions in approved schedules of deliveries of project and nonproject water for contractors for such year. A further adjustment shall be made in the following year based on actual deliveries of project and nonproject water for contractors provided, however, in the event no deliveries are made through a pumping plant, the adjustments shall not be made for that year at that plant.

(4) To the extent the monies received or to be received by the State from all contractors for off-aqueduct power costs in any year are determined by the State to be less than the amount required to pay the off-aqueduct power costs in such year, the State may allocate and charge that amount of off-aqueduct power costs to the Agency and other contractors in the same manner as costs under the capital cost component of the Transportation Charge are allocated and charged. After that amount has been so allocated, charged and collected, the State shall provide a reallocation of the amounts allocated pursuant to this paragraph (4), such reallocation to be based on the allocations made pursuant to (2) and (3) above for that year, or in the event no such allocation was made for that year, on the last previous allocation made pursuant to (2) and (3) above. Any such reallocation shall include appropriate interest at the project interest rate.

42 Amended: Amendment 17

(e)⁴³ <No Subtitle>

The total minimum operation, maintenance, power and replacement component due that year from each contractor shall be the sum of the allocations made under the proportionate use of facilities method provided in subdivision (b) of this article and the allocations made pursuant to subdivision (d) of this article for each contractor.

26. TRANSPORTATION CHARGE - VARIABLE OPERATION, MAINTENANCE, POWER, AND REPLACEMENT COMPONENT

(a) Method of Computation

The variable operation, maintenance, power, and replacement component of the Transportation Charge shall return to the State those costs of the project transportation facilities necessary to deliver water to the contractor which constitute operation, maintenance, power, and replacement costs incurred in an amount which is dependent upon and varies with the amount of project water delivered to the contractor and which are allocated to the contractor pursuant to (1) and (2) below: *Provided*, That to the extent permitted by law, the State may establish reserve funds to meet anticipated variable replacement costs; and deposits in such reserve funds by the State: (1) shall be made in such amounts that such reserve funds will be adequate to meet such anticipated costs as they are incurred, and (2) shall be deemed to be a part of the variable replacement costs for the year in which such deposits are made. The amount of this component shall be determined as follows:

(1) There shall be computed for each aqueduct reach of the project transportation facilities a charge per acre-foot of water which will return to the State the total projected variable operation, maintenance, power, and replacement costs of the reach for the respective year. This computation shall be made by dividing said total by the number of acre-feet of project water estimated to be delivered from or through the reach to all contractors during the year.

(2) The amount of the variable component shall be the sum of the products obtained when the charges per acre-foot of water, determined under (1) above, for each aqueduct reach necessary to deliver water to the contractor are multiplied by the number of acre-feet of project water delivered to the contractor from or through that reach during the year: *Provided*, That when project water has been requested by a contractor and delivery thereof has been commenced by the State, and, through no fault of the State, such water is wasted as a result of failure or refusal by the contractor to accept delivery thereof, the amount of said variable component to be paid by such contractor during such period shall be the product of the above sum and the sum of the number of acre-feet of project water delivered to the contractor and the number of acre-feet wasted.

(b) Revenue From Aqueduct Power Recovery Plants

There shall be credited against the amount of the variable component to be paid by each contractor, as determined pursuant to subdivision (a) of this article, a portion of the projected net value of any power recovered during the respective year at project aqueduct power recovery plants located upstream on the particular aqueduct from the delivery structures for delivery of

43 Added: Amendment 13

project water to the contractor. Such portion shall be in an amount which bears the same proportion to said projected net value that the number of acre-feet of project water delivered to the contractor through said plants during the year bears to the number of acre-feet of project water delivered to all contractors through said plants during the year.

(c) Payment Table

The amount to be paid each year by the Agency under the variable operation, maintenance, power, and replacement component of the Transportation Charge shall be determined in accordance with subdivision (a) of this article for the respective aqueduct reaches in Table B of this contract. Such amounts and any interest thereon shall be set forth by the State in Table F of this contract as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the Agency, pursuant to Article 17(a): *Provided*, That the amounts set forth in Table F shall be subject to redetermination by the State in accordance with Article 28.

27. TRANSPORTATION CHARGE - PAYMENT SCHEDULE

The amounts to be paid by the Agency for each year of the project repayment period under the capital cost and minimum operation, maintenance, power, and replacement components of the Transportation Charge, and under the variable operation, maintenance, power, and replacement component of said charge on the basis of then estimated deliveries, shall be set forth by the State in Table G of this contract as soon as designs and cost estimates have been prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the Agency, pursuant to Article 17(a). Table G of this contract shall constitute a summation of Tables D, E, and F of this contract: *Provided*, That each of the amounts set forth in Table G shall be subject to redetermination by the State in accordance with Article 28: *Provided further*, That the principles and procedures set forth in Articles 24, 25, and 26 shall be controlling as to such amounts. Such amounts shall be paid by the Agency in accordance with the provisions of Article 29.

28.⁴⁴ TRANSPORTATION CHARGE - REDETERMINATION

(a) Determinative Factors Subject to Retroactive Charge

The State shall redetermine the values and amounts set forth in Tables B, C, D, E, F, and G of this contract in the year following the year in which the State commences construction of the project transportation facilities and each year thereafter in order that the Transportation Charge to the Agency and the components thereof may accurately reflect the increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State incurred to construct the project transportation facilities described in Table I of this contract, annual entitlements, estimated deliveries, project interest rate, and all other factors which are determinative of such charges. In addition, each such redetermination shall include an adjustment of the components of the Transportation Charge to be paid by the Agency for succeeding years which shall account for the differences, if any, between those factors used by

44 Amended: Amendment 9, Articles (a)-(d)

the State in determining the amounts of such components for all preceding years and the factors as then currently known by the State. Such adjustment shall be computed by the State and paid by the Agency or credited to the Agency's account in the manner described in (b) and (c) below.

(b) Adjustment: Transportation Charge - Capital Cost Component

Adjustments for prior underpayments or overpayments of the capital cost component of the Transportation Charge to the Agency, together with accrued interest charges or credits thereon computed at the then current project interest rate on the amount of the underpayment or overpayment and compounded annually for the number of years from the year the underpayment or overpayment occurred to and including the year following the redetermination, shall be paid in the year following the redetermination: *Provided*, That the Agency may elect to exercise the option whereby when the redetermined Transportation Charge for the following year, with adjustments, including adjustments of the operation, maintenance, power, and replacement components provided for in subdivision (c) of this article, is more or less than the last estimate of the Charge provided pursuant to Article 27 for the corresponding year, without adjustments, an amount equal to the total of such difference shall be deducted from or added to the adjusted capital cost component for that year and paid or credited in accordance with the following schedule:

Percent that Transportation Charge differs from last estimate (+ or -)	Period, in years, for amortizing the difference in indicated charge
for 10% or less	no amortization
more than 10%, but not more than 20%	2
more than 20%, but not more than 30%	3
more than 30%, but not more than 40%	4
more than 40%.	5

Such payments or credits shall be in equal semi-annual amounts of principal and interest on or before the 1st day of January and the 1st day of July, with interest computed at the project interest rate and compounded annually, during varying amortization periods as set forth in the preceding schedule: *Provided*, That for the purpose of determining the above differences in the Transportation Charge, the variable operation, maintenance, power, and replacement component shall be computed on the basis of the same estimated project water deliveries as was assumed in computing pursuant to Article 26(c).

(c) Adjustment: Transportation Charge - Minimum and Variable Components

One-twelfth of the adjustments for prior underpayments or overpayments of the Agency's minimum and variable operation, power, and replacement components for each year shall be added or credited to the corresponding components to be paid in the corresponding month of the year following the redetermination, together with accrued interest charges or credits thereon computed at the then current project interest rate on the amount of the underpayment or overpayment and compounded annually for the number of years from the year the underpayment or overpayment occurred to and including the year following the redetermination.

(d) Exercise of Option

The option provided for in subdivision (b) above shall be exercised in writing on or before the January 1 due date of the first payment of the capital cost component of the Transportation Charge for the year in which the option is to become effective.

Such option, once having been exercised, shall be applicable for all of the remaining years of the project repayment period.

(e)⁴⁵ <No Subtitle>

Notwithstanding the provisions of Article 28(b), adjustments for prior overpayments and underpayments shall be repaid beginning in the year following the redetermination by application of a unit rate per acre-foot which, when paid for the projected portion of the Agency's annual entitlement will return to the State, during the project repayment period, together with interest thereon computed at the project interest rate and compounded annually, the full amount of the adjustments resulting from financing after January 1, 1987, from all bonds, advances, or loans listed in Article 1(r) except for Article 1(r)(3) and except for bonds issued by the State under the Central Valley Project Act after January 1, 1987 for facilities not listed among the water system facilities in Article 1(hh). Notwithstanding the immediately preceding exception, such amortization shall also apply to any adjustments in this component charge resulting from a change in the project interest rate due to any refunding after January 1, 1986 of bonds issued under the Central Valley Project Act. However, amortization of adjustments resulting from items 1(r)(4) through (7) shall be limited to a period which would allow the Department to repay the debt service on a current basis until such time as bonds are issued to reimburse the source of such funding. In no event shall this amortization period be greater than the project repayment period.

(f)⁴⁶ Adjustment: Water System Revenue Bond Financing Costs

The use of water system revenue bonds for financing facilities listed in Article 1(hh) would result in adjustments for prior underpayments or overpayments of the capital cost component of the Transportation Charge to the Agency under the provisions of this article; however, in place of making such adjustments, charges to the Agency will be governed by Article 50.

29. TIME AND METHOD OF PAYMENT

(a) Initial Payment - Delta Water Charge

Payments by the Agency under the Delta Water Charge shall commence in the year of initial water delivery to the Agency.

(b) Initial Payment - Transportation Charge: Capital Component

Payments by the Agency under the capital cost component of the Transportation Charge shall commence in the year following the year in which the State commences construction of the project transportation facilities. If such construction has already commenced when this contract is executed, such payments shall begin in the year following the year of execution.

45 Amended: Amendment 14
46 Amended: Amendment 14

(c) Initial Payment - Transportation Charge: Minimum Component

Payments by the Agency under the minimum operation, maintenance, power, and replacement component of the Transportation Charge shall commence for each aqueduct reach in the year following the year in which construction of that reach is completed.

(d) Initial Payment - Transportation Charge: Variable Component

Payments by the Agency under the variable operation, maintenance, power, and replacement component of the Transportation Charge shall commence in the year of initial water delivery to the Agency.

(e) Statement of Charges

The State shall, on or before July 1 of each year, commencing with the year preceding the year in which payment of the respective charge is to commence pursuant to this article, furnish the Agency with a written statement of: (1) the charges to the Agency for the next succeeding year under the capital cost and minimum operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge; (2) the unit charges to the Agency for the next succeeding year under the variable operation, maintenance, power, and replacement components of said Delta Water Charge and Transportation Charge; and (3) the total charges to the Agency for the preceding year under the variable operation, maintenance, power, and replacement components of said Delta Water Charge and Transportation Charge: *Provided*, That through December 31, 1969, the Delta Water Charge shall be based upon a unit rate of \$3.50 per acre-foot and shall be paid by the contractors on the basis of their respective annual entitlements to project water, as provided in Article 22(b): *Provided further*, That the first such statement shall be provided by the State as soon after the execution of this contract as is feasible. All such statements shall be accompanied by the latest revised copies of the document amendatory to Article 22 and of Tables B, C, D, E, F and G of this contract, together with such other data and computations used by the State in determining the amounts of the above charges as the State deems appropriate. The State shall, on or before the fifteenth day of each month of each year, commencing with the year of initial water delivery to the Agency, furnish the Agency with a statement of the charges to the Agency for the preceding month under the variable operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge. Such charges shall be determined by the State in accordance with the relevant provisions of Articles 22 and 26 of this contract, upon the basis of metered deliveries of project water to the Agency, except as otherwise provided in those articles.

(f) Times of Payment - Capital Components

The Agency shall pay to the State, on or before January 1 of each year, commencing with the year in which payment of the respective charge is to commence pursuant to this article, one-half (1/2) of the charge to the Agency for the year under the capital cost component of the Delta Water Charge and one-half (1/2) of the charge to the Agency for the year under the capital cost component of the Transportation Charge, as such charges are stated pursuant to subdivision (e) of this article; and shall pay the remaining one-half (1/2) of each of said charges on or before July 1 of that year.

(g) Times of Payment - Minimum Components

The Agency shall pay to the State, on or before the first day of each month of each year, commencing with the year of initial water delivery to the Agency, one-twelfth (1/12) of the sum of the charges to the Agency for the year under the minimum operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge, respectively, as such charges are stated pursuant to subdivision (e) of this article.

(h) Times of Payment - Variable Components

The Agency shall pay to the State on or before the fifteenth day of each month of each year, commencing with the year of initial water delivery to the Agency, the charges to the Agency under the variable operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge, respectively, for which a statement was received by the Agency during the preceding month pursuant to subdivision (e) of this article, as such charges are stated in such statement.

(i) Contest of Accuracy of Charges

In the event that the Agency contests the accuracy of any statement submitted to it pursuant to subdivision (e) of this article, it shall give the State notice thereof at least ten (10) days prior to the day upon which payment of the stated amounts is due. To the extent that the State finds the Agency's contentions regarding the statement to be correct, it shall revise the statement accordingly, and the Agency shall make payment of the revised amounts on or before the due date. To the extent that the State does not find the Agency's contentions to be correct, or where time is not available for a review of such contentions prior to the due date, the Agency shall make payment of the stated amounts on or before the due date, but may make the contested part of such payment under protest and seek to recover the amount thereof from the State.

<30.47 SURCHARGE FOR PROJECT WATER USED ON EXCESS LAND - DELETED>

31. ADJUSTMENT FOR OVERPAYMENT OR UNDERPAYMENT

If in any year, by reason of errors in computation or other causes, there is an overpayment or underpayment to the State by the Agency of the charges provided for herein, which overpayment or underpayment is not accounted for and corrected in the annual redetermination of said charges, the amount of such overpayment or underpayment shall be credited or debited, as the case may be, to the Agency's account for the next succeeding year and the State shall notify the Agency thereof in writing.

32. DELINQUENCY IN PAYMENT

(a) Agency to Provide for Punctual Payment

The governing body of the Agency shall provide for the punctual payment to the State of payments which become due under this contract.

47 Amended: Amendments 8

(b)⁴⁸ Interest on Overdue Payments

Upon every amount of money required to be paid by the Agency to the State pursuant to this contract which remains unpaid after it becomes due and payable, interest shall accrue at an annual rate equal to that earned by the Pooled Money Investment Fund, as provided in Government Code Sections 16480, et seq. calculated monthly on the amount of such delinquent payment from and after the due date until it is paid, and the Agency hereby agrees to pay such interest: provided, that no interest shall be charged to or be paid by the Agency unless such delinquency continues for more than thirty (30) days.

33. OBLIGATION OF AGENCY TO MAKE PAYMENTS

(a) Refusal of Water Does Not Affect Obligation

The Agency's failure or refusal to accept delivery of project water to which it is entitled under Article 6(b) shall in no way relieve the Agency of its obligation to make payments to the State as provided for in this contract. The State, however, shall make reasonable efforts to dispose of any water made available to but not required by the Agency and any net revenues from such disposal shall be credited pursuant to Article 21.

(b) Character of Obligation

The Agency as a whole is obligated to pay to the State the payments becoming due under this contract, notwithstanding any individual default by its constituents or others in the payment to the Agency of assessments, tolls, or other charges levied by the Agency.

34. OBLIGATION OF AGENCY TO LEVY TAXES AND ASSESSMENTS

(a) When Obligated

If in any year the Agency fails or is unable to raise sufficient funds by other means, the governing body of the Agency shall levy upon all property in the Agency not exempt from taxation, a tax or assessment sufficient to provide for all payments under this contract then due or to become due within that year.

(b) Enforcement by Officers of Agency

Taxes or assessments levied by the governing body of the Agency pursuant to subdivision (a) of this article shall be enforced and collected by all officers of the Agency charged with the duty of enforcing and collecting taxes or assessments levied by the Agency.

(c) Deposit in Separate Fund

All money collected for taxes or assessments under this article shall be kept in a separate fund by the treasurer or other officer of the Agency charged with the safekeeping and disbursement of funds of the Agency, and, upon the written demand of the State, the treasurer or other officer shall pay over to the State all such money in his possession or control then due the State under this contract, which money shall be applied by the State to the satisfaction of the amount due under this contract.

48 Amended: Amendment 13

(d) Enforcement of Levy

In the event of failure, neglect, or refusal of any officer of the Agency to levy any tax or assessment necessary to provide payment by the Agency under this contract, to enforce or to collect the tax or assessment, or to pay over to the State any money then due the State collected on the tax or assessment, the State may take such action in a court of competent jurisdiction as it deems necessary to compel the performance in their proper sequence of all such duties. Action taken pursuant hereto shall not deprive the State of or limit any remedy provided by this contract or by law for the recovery of money due or which may become due under this contract.

D. GENERAL PROVISIONS

35. REMEDIES NOT EXCLUSIVE

The use by either party of any remedy specified herein for the enforcement of this contract is not exclusive and shall not deprive the party using such remedy of, or limit the application of, any other remedy provided by law.

36. AMENDMENTS

This contract may be amended at any time by mutual agreement of the parties, except insofar as any proposed amendments are in any way contrary to applicable law. The State shall promptly furnish the Agency with copies of all contracts now or hereafter executed by the State for a dependable supply of project water, and of any amendments thereof.

37. AGENCY NOT ESTOPPED TO CHALLENGE STATE LAWS

Nothing herein contained shall be construed as estopping or otherwise preventing the Agency or any person, firm, association, corporation, or public body or agency claiming by, through, or under the Agency from contesting by litigation or other lawful means the validity, constitutionality, construction or application of any law of this State, including laws referred to in the Bond Act, or as preventing or prejudicing the amendment or repeal of any such law, and each contract executed by the State for a dependable supply of project water shall contain a similar reservation with respect to State laws.

38. OPINIONS AND DETERMINATIONS

Where the terms of this contract provide for action to be based upon the opinion, judgment, approval, review, or determination of either party hereto, such terms are not intended to be and shall never be construed as permitting such opinion, judgment, approval, review, or determination to be arbitrary, capricious, or unreasonable.

39. CONTRACTING OFFICER OF THE STATE

The contracting officer of the State shall be the Director of Water Resources of the State of California and his successors, or their duly authorized representatives. The contracting officer shall be responsible for all discretionary acts, opinions, judgments, approvals, reviews, and determinations required of the State under the terms of this contract.

40. SUCCESSORS AND ASSIGNS OBLIGATED

This contract and all of its provisions shall apply to and bind the successors and assigns of the parties hereto.

41. ASSIGNMENT

No assignment or transfer of this contract or any part hereof, rights hereunder, or interest herein by the Agency shall be valid unless and until it is approved by the State and made subject to such reasonable terms and conditions as the State may impose.

42. WAIVER OF RIGHTS

Any waiver at any time by either party hereto of its rights with respect to a default or any other matter arising in connection with this contract, shall not be deemed to be a waiver with respect to any other default or matter.

43. NOTICES

All notices that are required either expressly or by implication to be given by one party to the other under this contract shall be signed for the State by its contracting officer, and for the Agency by such officer as it may, from time to time, authorize in writing to so act. All such notices shall be deemed to have been given if delivered personally or if enclosed in a properly addressed envelope and deposited in a United States Post Office for delivery by registered or certified mail. Unless and until formally notified otherwise, all notices shall be addressed to the parties at their addresses as shown on the signature page of this contract.

44. MAINTENANCE AND INSPECTION OF BOOKS, RECORDS, AND REPORTS

During regular office hours, each of the parties hereto and their duly authorized representatives shall have the right to inspect and make copies of any books, records, or reports of the other party pertaining to this contract or matters related hereto. Each of the parties hereto shall maintain and make available for such inspection accurate records of all of its costs, disbursements and receipts with respect to its activities under this contract and the Bond Act.

E. SPECIAL PROVISIONS AND TABLES

45. SPECIAL PROVISIONS

(a) <Timing of First Deliveries of Project Water>

On or before June 30, 1963, the Agency shall furnish to the State its written request specifying the year in which the first delivery of project water from the East Branch Aqueduct as defined in Table H of this contract shall be made to the Agency. The timing of first deliveries of project water from said Branch Aqueduct shall be as so requested by the Agency: *Provided*, That in the event said request is, in the judgment of the State, incompatible with similar requests received from other contractors to be served from or through said Branch Aqueduct, which contractors have executed contracts with the State on or before June 30, 1963, the timing of first deliveries of project water to the Agency and such other contractors from said Branch Aqueduct shall be as established by mutual agreement among the State, the Agency, and said contractors: *Provided further*, That if such agreement has not been reached on or before December 31, 1963, the State may then construct said Branch Aqueduct in accordance with such construction schedules as, in the judgment of the State, will best serve the interests of all those contractors whose service areas are located south of the South Portal of the Tehachapi Tunnels and which have executed contracts with the State on or before June 30, 1963.

(b)⁴⁹ <Annual Entitlement Capacity>

The State shall provide sufficient capacity in the transportation facilities, subject to the provisions of Article 17(b), to deliver 11 percent of the Agency's annual entitlement in each of nine months in each year. Subject to the foregoing limitation, in scheduling deliveries under Article 12(a) the State will provide for up to 24% of the Agency's annual entitlement to be delivered in excess of a rate of 8 1/3 percent of the annual entitlement per month.

(c) <Annexations to the Agency>

The annexation to the Agency, authorized by Resolution No. 7 of the Board of Directors of the Agency dated May 27, 1963, is deemed to be approved by the department within the meaning of Article 15(b), and is generally described as the Lake Arrowhead Annexation.

46. AMENDATORY PROVISIONS

<(a)⁵⁰ Surplus Water - Deleted>

<(b)⁵¹ Surcharge Credit - Deleted>

(c)⁵² Turnouts and Measuring Devices

(1) Notwithstanding the provisions of Article 10(d), any delivery structure requested by the Agency, if in the opinion of the State the construction of the structure will not interfere with or adversely affect any project facilities or the construction or

49 Amended: Amendment 3

50 Deleted: Amendment 11

51 Deleted: Amendment 8

52 Amended: Amendment 4

operation thereof, may be designed and constructed by the Agency subject to the prior written approval by the State of plans and specifications for such structure and subject to construction supervision by the State: *Provided*, That the Agency other costs incurred by the State which in the opinion of the State are properly chargeable to any such turnout designed and constructed by the Agency: *Provided further*, That the provisions of Article 10(d) shall apply to all delivery structures constructed by the State.

(2) Notwithstanding the provisions of Article 11, measuring devices and equipment to be installed in any delivery structure constructed by the Agency, pursuant to subdivision (c)(1) of this Article, may be acquired and installed by the Agency but shall be maintained and operated by the State: *Provided*, That such measuring devices and equipment as may be acquired and installed by the Agency shall be satisfactory and acceptable to the State: *Provided further*, That such devices and equipment shall be examined, tested, and serviced regularly by the State to insure their accuracy, and that at any time or times the Agency or any other contractor may inspect such devices and equipment, and the measurements and records taken therefrom: *Provided further*, That the provisions of Article 11 shall apply to all measuring devices and equipment acquired and installed by the State.

<47. No such article exists.>

<48. No such article exists.>

<49. No such article exists.>

50.⁵³ WATER SYSTEM REVENUE BOND FINANCING COSTS

(a) <Cost Provisions>

Charges to the Agency for water system revenue bond financing costs shall be governed by provisions of this article. Charges to all contractors for water system revenue bond financing costs shall return to the State an amount equal to the annual financing costs the State incurs in that year for water system revenue bonds (including water system revenue bond anticipation notes). Annual financing costs shall include, but not be limited to, any annual principal and interest on water system revenue bonds plus any additional requirements for bond debt service coverage, deposits to reserves, and annual premiums for insurance or other security obtained pursuant to subdivision (f) of this article. The State shall provide credits to the contractors for excess reserve funds, excess debt service coverage, interest, and other earnings of the State in connection with repayment of such revenue bond financing costs, when and as permitted by the bond resolution. When such credits are determined by the State to be available, such credits shall be promptly provided to the contractors and shall be in proportion to the payments under this article from each contractor. Reserves, bond debt service coverage, interest, and other earnings may be used in the last year to retire the bonds.

(b) <Annual Charges>

Annual charges to recover water system revenue bond financing costs shall consist of two elements.

53 Added: Amendment 14

(1) The first element shall be an annual charge to the Agency for repayment of capital costs of water system facilities as determined under Articles 22 and 24 of this contract with interest at the project interest rate. For conservation facilities, the charge shall be a part of the capital cost component of the Delta Water Charge in accordance with Article 22. For transportation facilities, the charge shall be a part of the capital cost component of the Transportation Charge in accordance with Article 24.

(2) The second element shall be the Agency's share of a Water System Revenue Bond Surcharge to be paid in lieu of a project interest rate adjustment. The total annual amount to be paid by all contractors under this element shall be the difference between the total annual charges under the first element and the annual financing costs of the water system revenue bonds. The amount to be paid by each contractor shall be calculated annually as if the project interest rate were increased to the extent necessary to produce revenues from all contractors sufficient to pay such difference for that year. In making that calculation, adjustments in the Agency's Transportation capital cost component charges for prior overpayments and underpayments shall be determined as if amortized over the remaining years of the project repayment period.

(c) <Agency Invoice>

The Water System Revenue Bond Surcharge will be identified by component and charge in the Agency's invoice.

(d) Timing of Payments

Payments shall be made in accordance with Article 29(f) of this contract.

(e) Reduction in Charges

The Water System Revenue Bond Surcharge under Article 50(b)(2) shall cease for each series of water system revenue bonds when that series is fully repaid. However, the annual charge determined pursuant to Article 50(b)(1) shall continue to be collected for the time periods otherwise required under Articles 22 and 24.

After the Department has repaid the California Water Fund in full and after each series of Water System Revenue Bonds is repaid, the Department will reduce the charges to all contractors in an equitable manner in a total amount that equals the amount of the charges under Article 50(b)(1) that the Department determines is not needed for future financing of facilities of the System which, in whole or in part, will serve the purposes of the water supply contract with the Agency.

(f) <Default Protection>

To the extent economically feasible and justifiable, as determined by the State after consultation with contractors, the State shall maintain insurance or other forms of security protecting bondholders and non-defaulting contractors against costs resulting from the failure of any contractor to make the payments required by this article.

(g) <Bond Issuing Process>

Before issuing each series of water system revenue bonds, the State shall consult with the contractors, prepare a plan for the State's future financing of water system facilities, and give the Agency an opportunity to comment on the plan. The plan shall include but not be limited to the

size of any water system revenue bond issuances and the form of any necessary resolutions or supplements.

(h) Defaults

(1) If a contractor defaults partially or entirely on its payment obligations calculated under this article and sufficient insurance or other security protecting the non-defaulting contractors is not provided under Article 50(f), the State shall allocate a portion of the default to each non-defaulting contractor. The Agency's share of the default shall be equal to an amount determined by multiplying the total default amount to be charged to all non-defaulting contractors by the ratio that the Agency's maximum Table A entitlement bears to the maximum Table A entitlements of all non-defaulting contractors. However, such amount shall not exceed in any year 25 percent of the Water System Revenue Bond financing costs that are otherwise payable by the Agency in that year. The amount of default to be charged to non-defaulting contractors shall be reduced by any receipts from insurance protecting non-defaulting contractors and bond debt service coverage from a prior year and available for such purpose.

(2) If a contractor defaults partially or entirely on its payment obligations under this article, the State shall also pursuant to Article 20, upon six months' notice to the defaulting contractor, suspend water deliveries under Article 20 to the defaulting contractor so long as the default continues. The suspension of water deliveries shall be proportional to the ratio of the default to the total water system revenue bond payments due from the defaulting contractor. However, the State may reduce, eliminate, or not commence suspension of deliveries pursuant to this subparagraph if it determines suspension in the amounts otherwise required is likely to impair the defaulting contractor's ability to avoid further defaults or that there would be insufficient water for human consumption, sanitation, and fire protection. The State may distribute the suspended water to the non-defaulting contractors on terms it determines to be equitable.

(3) During the period of default, credits otherwise due the defaulting contractor shall be applied to payments due from the defaulting contractor.

(4) Except as otherwise provided in Article 50(h)(3), the defaulting contractor shall repay the entire amount of the default to the State with interest compounded annually at the Surplus Money Investment Fund rate before water deliveries that had been suspended shall be fully resumed to that contractor. If the defaulting contractor makes a partial repayment of its default, the Department may provide a proportional restoration of suspended deliveries. The amount of the default to be repaid shall include any amounts previously received by the State from insurance proceeds, bond debt service coverage, or other reserves, and payments from other contractors pursuant to this subparagraph (h). The defaulting contractor shall not be entitled to any make-up water deliveries as compensation for any water deliveries suspended during the period when the contractor was in default.

(5) At such time as the default amount is repaid by the defaulting contractor, the non-defaulting contractors shall receive credits in proportion to their contributions towards the amount of the default with interest collected by the State on the defaulted amount.

(6) In the event there is an increase in the amount a non-defaulting contractor contributes to reserves and/or bond debt service coverage, such increase shall be handled in the same manner as provided in Article 50(a).

(7) Action taken pursuant to this subarticle shall not deprive the State of or limit any remedy provided by this contract or by law for the recovery of money due or which may become due under this contract.

(i) Power of Termination

(1) The Department and the Agency agree to negotiate in good faith the development of a means to provide adequate protection for the Department's cash flow into priorities one and two for revenues under Water Code Section 12937(b) with the goal of obtaining agreement by April 1, 1987. The Department and the Agency agree to continue negotiations beyond April 1, 1987 if necessary to meet their common goal of arriving at agreement.

(2) If such an agreement has not been reached by April 1, 1987, and if the Director of Water Resources determines that adequate progress has not been made toward such an agreement, the Director may give notice to the Agency and other contractors that he intends to exercise the power to terminate provided in this subarticle 50(i). The Director's authority to give such a notice shall terminate on July 1, 1988.

(3) After six months from the date of issuing the notice of intent to terminate, but in no event later than January 1, 1989, the Director may terminate the authority of the Department to issue additional series of water system revenue bonds using the repayment provisions of Article 50. The Department shall promptly notify the Agency and other contractors that the Director has exercised the power of termination.

(4) No additional series of water system revenue bonds shall be issued under the provisions of this Article 50 after the Director has exercised the power to terminate, but Article 50 shall remain in effect as to any series of water system revenue bonds issued prior to the time the Director exercises the power to terminate.

(5) An exercise of the power to terminate provided in this subarticle 50(i) shall also rescind any changes made by this amendment in the schedule of payment of overpayment or underpayment of capital costs resulting from a change in the project interest rate and shall also rescind the addition of item (7) to Article 1(r). However, if the Department has borrowed any funds under Article 1(r)(7), Article 1(r)(7) shall remain in effect as to that and only that borrowing. Upon the exercising of the power to terminate, subarticles 28(e) and (f) shall be rescinded and Article 1(r) shall read as it previously read as shown on Attachment Number 1 to this amendment. <Attachment 1 is included at the end of this contract.>

(6) At any time before January 1, 1989, so long as the Director has not already exercised the power of termination, the Director may irrevocably waive his right to exercise the power of termination or may rescind any previously issued notice of intention to terminate.

(7) If the Director does not exercise the power of termination before January 1, 1989, this Subarticle 50(i) shall expire, and the remainder of this Article 50

shall remain in effect. Changes made by this amendment to other articles shall also remain in effect.

(j)⁵⁴ <Payments Unaffected by Article 51>

Amounts payable under this article shall not be affected by any reductions in payments pursuant to Article 51.

51.⁵⁵ FINANCIAL ADJUSTMENTS

(a) General Operating Account

(1) The State shall maintain a General Operating Account to provide the moneys needed to pay obligations incurred by the State of the types described in Water Code sections 12937(b)(1) and (2) in the event of emergency or cash flow shortages.

(2) An initial deposit of \$15 million shall be made available from revenue bond reserves that are no longer required by revenue bond covenants and that would otherwise be credited to the contractors including the Agency. In 1998 or when the funds become available an additional \$7.7 million will be deposited in the General Operating Account from revenue bond reserves that are no longer required by revenue bond covenants and that would otherwise be credited to the contractors including the Agency, bringing the deposits to that account under this article to \$22.7 million.

(3) The balance in the General Operating Account will increase pursuant to subdivision (e)(3)(v) of this article to an amount determined by the State but not in excess of \$32 million. However, after the year 2001, the maximum amount of the fund may increase or decrease annually by not more than the same percentage as the increase or decrease in the charges, other than power charges for pumping water, to all the contractors for the previous year from the charges for the year before that for obligations under subdivisions (c)(2)(ii) and (iii) of this article.

(b) State Water Facilities Capital Account

(1) The State shall establish a State Water Facilities Capital Account to be funded from revenues available under Water Code section 12937(b)(4). Through procedures described in this article and as limited by this article, the State may consider as a revenue need under subdivision (c)(2)(v) of this article and may deposit in the State Water Facilities Capital Account the amounts necessary to pay capital costs of the State Water Facilities for which neither general obligation bond nor revenue bond proceeds are available, including but not limited to planning, reconnaissance and feasibility studies, the San Joaquin Valley Drainage Program and, through the year 2000, the CALFED Bay-Delta Program.

(2) The Director of the Department of Water Resources shall fully consult with the contractors and consider any advice given prior to depositing funds into this account for any purposes. Deposits into this account shall not exceed the amounts

54 Added: Amendment 17
55 Added: Amendment 17

specified in subdivision (c)(2)(v) of this article plus any amounts determined pursuant to subdivision (e)(1)(iii) of this article.

(3) The State shall use revenue bonds or other sources of moneys rather than this account to finance the costs of construction of any major capital projects.

(c) Calculation of Financial Needs

(1) Each year the State shall calculate in accordance with the timing provisions of Articles 29 and 31 the amounts that would have been charged (but for this article) to each contractor as provided in other provisions of this contract.

(2) Each year the State shall also establish its revenue needs for the following year for the following purposes, subject to the following limitations:

(i) The amount required to be collected under the provisions of this contract, other than this article, with respect to all revenue bonds issued by the State for Project Facilities.

(ii) The amount required for payment of the reasonable costs of the annual maintenance and operation of the State Water Resources Development System and the replacement of any parts thereof as described in Water Code section 12937(b)(1). These costs shall not include operation and maintenance costs of any Federal Central Valley Project facilities constructed by the United States and acquired by the State of California after 1994, other than the State's share of the joint use facilities which include San Luis Reservoir, the San Luis Canal and related facilities.

(iii) The amount required for payment of the principal of and interest on the bonds issued pursuant to the Burns-Porter Act as described in Water Code section 12937(b)(2).

(iv) Any amount required for transfer to the California Water Fund in reimbursement as described in Water Code section 12937(b)(3) for funds utilized from said fund for construction of the State Water Resources Development System.

(v) For the years 1998 and thereafter, the amount needed for deposits into the State Water Facilities Capital Account as provided in subdivision (b) of this article, but (A) not more than \$6 million per year for the years 1998, 1999 and 2000, and (B) not more than \$4.5 million per year for the years 2001 and thereafter.

(3) Subject to the provisions of subdivision (e) of this article, the State shall reduce the annual charges in the aggregate for all contractors by the amounts by which the hypothetical charges calculated pursuant to subdivision (c)(1) above exceed the revenue needs determined pursuant to subdivision (c)(2) above. The reductions under this article shall be apportioned among the contractors as provided in subdivisions (d), (e), (f) and (g) of this article. Reductions to contractors shall be used to reduce the payments due from the contractors on each January 1 and July 1; *Provided*, however, that to the extent required pursuant to subdivision (h) of this article, each Agricultural Contractor shall pay

to the Agricultural Rate Management Trust Fund an amount equal to the reduction allocated to such Agricultural Contractor. Any default in payment to the trust fund shall be subject to the same remedies as any default in payment to the State under this contract.

(4) The State may submit a supplemental billing to the Agency for the year in an amount not to exceed the amount of the prior reductions for such year under this article if necessary to meet unanticipated costs for purposes identified in Water Code section 12937(b)(1) and (2) for which the State can issue billings under other provisions of this contract. Any supplemental billing made to the Agency for these purposes shall be in the same proportion to the total supplemental billings to all contractors for these purposes as the prior reduction in charges to the Agency in that year bears to the total reductions in charges to all contractors in that year and shall be treated as reducing the amount of the reduction made available for that year to the Agency by the amount of the supplemental bill to the Agency.

(5) The State may also submit a supplemental billing to the Agency for the year if necessary to meet unanticipated costs for revenue bond debt service and coverage for which the State can issue a statement of charges under provisions of this contract other than this article. The relative amounts of any supplemental billing made to the Agency and to other contractors for revenue bond purposes shall be governed by such other applicable provisions of this contract.

(6) Payment of any supplemental billing shall be due thirty days after the date of the invoice. Delinquency and interest on delinquent amounts due shall be governed by Article 32.

(d) Apportionment of Reductions between Agricultural and Urban Contractors

(1) Reductions available under this article are projected to begin to occur in 1997. The numbers and percentages in this subdivision reflect certain estimates of dollars and sharing of reductions. The actual reductions may vary slightly from the amounts described below. The State shall determine the availability of reductions for each year in accordance with this article.

(2) Reductions shall be phased in as follows:

(i) In 1997 reductions in the amount of \$14 million are projected to be available and shall be applied as follows: the first \$10 million of reductions shall be apportioned among the Agricultural Contractors, and the remaining reductions shall be apportioned among the Urban Contractors.

(ii) In 1998 reductions in the amount of \$17 million are projected to be available and shall be applied as follows: the first \$10 million of reductions shall be apportioned among the Agricultural Contractors, and the remaining reductions shall be apportioned among the Urban Contractors.

(iii) In 1999 reductions in the amount of \$32 million are projected to be available and shall be applied as follows: the first \$10 million of reductions shall be apportioned among the Agricultural Contractors, and the remaining reductions shall be apportioned among the Urban Contractors.

(iv) In 2000 reductions in the amount of \$33 million are projected to be available and shall be applied as follows: the first \$10 million of reductions shall be apportioned among the Agricultural Contractors, and the remaining reductions shall be apportioned among the Urban Contractors.

(3)

(i) In the event that the aggregate amount of reductions in any of the years 1997 through 2000 is less than the respective amount projected for such year in subdivision (d)(2) above, the shortfall shall be taken first from reductions that would have been provided to Urban Contractors. Only after all reductions to Urban Contractors have been eliminated in a given year shall the remaining shortfall be taken from reductions scheduled for Agricultural Contractors. Any projected reductions not made available due to such shortfalls in the years 1997 through 2000 shall be deferred with interest at the project interest rate to the earliest subsequent years when reductions in excess of those projected for those years are available. Such deferred reductions with interest at the project interest rate shall be applied to the charges of the contractors whose reductions have been deferred.

(ii) In the event that the aggregate amount of reductions available in any of the years 1997 through 2000 is greater than the sum of (A) the respective amount projected for such year in subdivision (d)(2) above, plus (B) the amount of any shortfall with accrued interest at the project interest rate, remaining from any prior year to be applied, the excess shall be applied for the purposes and in the amounts per year described in subdivisions (e)(3)(iii), (iv), (v) and (vi) of this article, in that order.

(4) In 2001 and in each succeeding year reductions equal to or in excess of \$40.5 million are projected to be available and shall be applied as follows:

(i) If reductions are available in an amount that equals or exceeds \$40.5 million, \$10 million of reductions shall be apportioned among the Agricultural Contractors, and \$30.5 million of reductions shall be apportioned among the Urban Contractors. If reductions are available in an amount greater than \$40.5 million, the excess shall be applied as provided in subdivision (e)(3) of this article, subject however to subdivision (e)(1).

(ii) If reductions are available in an amount less than \$40.5 million in any of these years, the reductions shall be divided on a 24.7% -75.3% basis between the Agricultural Contractors and the Urban Contractors respectively. Any such reductions not made due to shortages shall be applied without interest in the next year in which reductions in an amount in excess of \$40.5 million are available pursuant to subdivision (e)(3) of this article with any remainder that is not available carried over without interest to be applied in the earliest subsequent years when reductions in excess of \$40.5 million are available.

(5) Annual charges to a contractor shall only be reduced prospectively from and after the date it executes the Monterey Amendment to this contract. Apportionments

of reductions shall be calculated on the assumption that all contractors have executed such amendment.

(e) Review of Financial Requirements

(1) In 2001 and every fifth year thereafter the Director of the Department of Water Resources, in full consultation with the contractors, will review the financial requirements of the State Water Resources Development System and determine the following:

(i) The amount of revenues that are needed for State Water Resources Development System purposes in addition to those needed for the purposes specified in subdivisions (c)(2)(i), (ii), (iii), and (iv) of this article;

(ii) If the aggregate amount that would have been charged to all contractors in any year but for this article exceeds the sum of (A) the amount of revenues needed for the purposes specified in subdivisions (c)(2)(i), (ii), (iii) and (iv), plus (B) \$40.5 million, plus (C) the amount determined pursuant to subdivision (c)(2)(v) of this article, the amount of such excess.

(iii) The amount of the excess determined in subdivision (e)(1)(ii) above that should be collected by the State for additional State Water Resources Development System purposes and the amount of such excess that should be used for further annual charge reductions.

(2) After making the determinations required above, the State may collect the revenues for additional State Water Resources Development System purposes in the amount determined pursuant to subdivision (e)(1)(iii) above.

(3) If and to the extent that as a result of such determinations, the aggregate amount to be charged to contractors is to be reduced by more than \$40.5 million per year, the following priorities and limitations shall apply with respect to the application of such additional reductions:

(i) First, reductions shall be allocated to make up shortfalls in reductions from those projected for the years 1997 through 2000 with interest at the project interest rate pursuant to subdivision (d)(3)(i).

(ii) Second, reductions shall be allocated to make up shortfalls in reductions from those projected for the years beginning with 2001 without interest pursuant to subdivision (d)(4)(ii).

(iii) Third, additional reductions in the amount of \$2 million per year shall be apportioned among the Urban Contractors until a total of \$19.3 million in such additional reductions have been so applied.

(iv) Fourth, reductions up to an additional \$2 million per year shall be allocated to make up any shortfalls in the annual reductions provided for in subdivision (e)(3)(iii).

(v) Fifth, \$2 million per year shall be charged and collected by the State and deposited in the General Operating Account to bring the account

ultimately up to an amount determined by the State but not in excess of \$32 million with adjustments as provided in subdivision (a) of this article. Any amount in the account in excess of this requirement shall be returned to general project revenues.

(vi) Sixth, remaining amounts if any shall be used for reductions divided on a 24.7% - 75.3% basis between the Agricultural Contractors and the Urban Contractors respectively.

(f) Apportionment of Reductions among Urban Contractors

Reductions in annual charges apportioned to Urban Contractors under subdivisions (d) and (e) of this article shall be further allocated among Urban Contractors pursuant to this subdivision. The amount of reduction of annual charges for each Urban Contractor shall be based on each Urban Contractor's proportionate share of total allocated capital costs as calculated below, for both project conservation and project transportation facilities, repaid by all Urban Contractors over the project repayment period.

(1) The conservation capital cost component of the reduction allocation shall be apportioned on the basis of maximum annual entitlement. Each Urban Contractor's proportionate share shall be the same as the percentage of that contractor's maximum annual entitlement to the total of all Urban Contractors' maximum annual entitlements.

(2) The transportation capital cost component of the reduction allocation shall be apportioned on the basis of transportation capital cost component repayment obligations, including interest over the project repayment period. Each Urban Contractor's proportionate share shall be the same as the percentage that the contractor's total transportation capital cost component repayment obligation is of the total of all Urban Contractors' transportation capital cost component repayment obligations.

(i) Recalculations shall be made annually through the year 1999. Beginning in the year 2000 recalculations shall be made every five years unless an Urban Contractor requests a recalculation for an interim year and does so by a request in writing delivered to the Department by January 1 of the year in which the recalculation is to take place.

(ii) The transportation capital cost component repayment obligations, for purposes of this Article 51(f), shall be based in the year of recalculation on the then most recent Department of Water Resources Bulletin 132, Table B-15, "Capital Cost Component of Transportation Charge for Each Contractor," or its equivalent, excluding any costs or entitlement associated with transfers of entitlement from Agricultural Contractors pursuant to Article 53.

(3) To reflect the relative proportion of the conservation capital cost component and the transportation capital cost component to the total of all capital cost repayment obligations, the two cost components shall be weighted as follows:

(i) The conservation capital cost component shall be weighted with a thirty percent (30%) factor. The weighting shall be accomplished by multiplying each Urban Contractor's percentage of maximum annual entitlements as calculated in subdivision (f)(1) of this article by thirty percent (30%).

(ii) The transportation capital cost component shall be weighted with a seventy percent (70%) factor. The weighting shall be accomplished by multiplying each Urban Contractor's percentage of transportation capital cost component repayment obligations as calculated in subdivision (f)(2) of this article by seventy percent (70%).

(iii) A total, weighted capital cost percentage shall be calculated for each Urban Contractor by adding the weighted conservation capital cost component percentage to their weighted transportation capital cost component percentage.

(4) The total amount of the annual charges to be reduced to Urban Contractors in each year shall be allocated among them by multiplying the total amount of annual charges to be reduced to the Urban Contractors by the total, weighted capital cost percentages for each such contractor. If the amount of the reduction to an Urban Contractor is in excess of that contractor's payment obligation to the Department for that year, such excess shall be reallocated among the other Urban Contractors.

(5) In the case of a permanent transfer of urban entitlement, the proportionate share of annual charge reductions associated with that entitlement shall be transferred with the entitlement to the buying contractor. In the case of an entitlement transfer by either Santa Barbara County Flood Control and Water Conservation District or San Luis Obispo County Flood Control and Water Conservation District, the reductions in annual charges to that agency shall be allocated (a) on the basis of that entitlement being retained by that agency which bears Coastal Branch Phase II transportation costs, (b) on the basis of that entitlement being retained by that agency which does not bear Coastal Branch Phase II transportation costs, and (c) on the basis of the balance of that agency's entitlement which also does not bear Coastal Branch Phase II transportation costs.

(g) Apportionment of Reductions Among Agricultural Contractors

(1) Reductions in annual charges apportioned to Agricultural Contractors under subdivisions (d) and (e) of this article shall be allocated among the Agricultural Contractors pursuant to this subdivision. The amount of reduction of annual charges for each Agricultural Contractor for the years 1997 through 2001 shall be based on each Agricultural Contractor's estimated proportionate share of the total project costs, excluding the variable operation, maintenance, power and replacement components of the Delta Water Charge and the Transportation Charge and also excluding off-aqueduct power charges, to be paid by all Agricultural Contractors for the years 1997 through 2035, calculated without taking into account this article. For purposes of these calculations, Kern County Water Agency's and Dudley Ridge Water District's estimated project costs shall not include any costs associated with the 45,000 acre-feet of annual entitlement being relinquished by those contractors pursuant to subdivision (i) of Article 53. Also, for purposes of these calculations, an Agricultural Contractor's estimated project costs shall not be reduced by the transfer of any of the 130,000 acre-feet of annual entitlements provided for in subdivisions (a) through (i) of Article 53. The proportionate shares for 1997 through 2001 shall be calculated as follows:

(i) Each Agricultural Contractor's statement of charges received on July 1, 1994, shall be the initial basis for calculating the proportionate shares for the five years 1997 through 2001.

(ii) Each Agricultural Contractor's estimated capital and minimum components of the Delta Water Charge and the Transportation Charge (excluding off-aqueduct power charges) and Water Revenue Bond Surcharge shall be totaled for the years 1997 through 2035.

(iii) Kern County Water Agency and Dudley Ridge Water District totaled costs shall be reduced for the 45,000 acre-feet of annual entitlement being relinquished by them.

(iv) Any reductions in an Agricultural Contractor's totaled costs resulting from the transfer of any of the 130,000 acre-feet of annual entitlement shall be re-added to that contractor's costs.

(v) Each Agricultural Contractor's proportionate share shall be computed by dividing that contractor's total costs by the total costs for all Agricultural Contractors determined pursuant to subparagraphs (ii), (iii) and (iv) above.

(2) The reductions in annual charges, for 1997 through 2001, shall be calculated using the method described in subdivision (g)(1) of this article.

(3) The allocation shall be recalculated using the same method described in subdivision (g)(1) of this article every five years beginning in 2002, if any Agricultural Contractor requests such a recalculation. Any recalculation shall be based on project cost data beginning with the year that the recalculation is to become effective through 2035.

(h) Agricultural Rate Management Trust Fund

(1) **Establishment.** Through a trust agreement executed contemporaneously with this amendment, the State and the Agricultural Contractors that sign the Monterey Amendments shall establish the Agricultural Rate Management Trust Fund with a mutually agreed independent trustee.

(2) **Separate Accounts.** The trustee shall maintain within the trust fund a separate account for each Agricultural Contractor that signs the trust agreement to hold deposits made pursuant to this article.

(3) **Deposits.** Each Agricultural Contractor that signs the trust agreement shall deposit into such contractor's account within the trust fund, at the same time as payments would otherwise be required by this contract to be made to the State, an amount equal to the amount by which such contractor's charges under this contract have been reduced by reason of this article, until the balance in such contractor's account within the trust fund is the same percentage of \$150,000,000 as such contractor's percentage share of reductions made available to all Agricultural Contractors as specified in subdivision (g) of this article. In 2002 and every fifth year thereafter, the Agricultural Contractors will review the maximum accumulation in the trust fund (the "Cap") and determine whether

the cap should be adjusted. However, the Cap shall not be reduced below an aggregate of \$150,000,000 for all Agricultural Contractor accounts.

(4) Trust Fund Disbursements.

(i) In any year in which the State's allocation of water to an Agricultural Contractor by April 15th of that year is less than one-hundred percent (100%) of the contractor's requested annual entitlement for that year, the trustee shall, to the extent there are funds in that contractor's account, distribute to the State from such account for the benefit of that contractor an amount equal to the percentage of the total of that contractor's statement of charges for that year, as redetermined by the State on or about May 15th of that year, for (a) the Delta Water Charge; (b) the capital cost and minimum operation, maintenance, power and replacement components of the Transportation Charge (including off-aqueduct power charges); and (c) the water system revenue bond surcharge, that is equal to the percentage of that contractor's annual entitlement for that year that was not allocated to it by the State by April 15th of that year.

(ii) In addition to the provisions of subdivision (h)(4)(i) of this article, if on April 15 of any year any of the irrigable land within the Tulare Lake Basin Water Storage District (Tulare) is flooded, and Tulare in writing requests the trustee to do so, the trustee shall, to the extent there are funds in Tulare's account, distribute to the State from such account for the benefit of Tulare an amount equal to the percentage of the total of Tulare's statement of charges for that year, as redetermined by the State on or about May 15th of that year, for (a) the Delta Water Charge; (b) the capital cost and minimum components of the Transportation Charge (including off-aqueduct power charges); and (c) the water system revenue bond surcharge, that is equal to the percentage of the irrigable land within Tulare that is flooded on April 15.

(iii) Each Agricultural Contractor shall remain obligated to make payments to the State as required by other articles in this contract. Any amount to be disbursed pursuant to subdivisions (h)(4)(i) and (h)(4)(ii) shall be paid by the trustee to the State on July 1 of the year involved and shall be credited by the State toward any amounts owed by such respective Agricultural Contractor to the State as of that date. However, an Agricultural Contractor may direct the trustee to make the disbursement to that Agricultural Contractor which shall in turn make the payment to the State as required by other provisions of this contract. If the amount to be disbursed exceeds the amount owed to the State by such contractor as of July 1, the excess shall be disbursed by the Trustee to the State at the time of and in payment of future obligations owed to the State by such contractor. Alternatively, upon the request of such contractor, all or part of the excess shall be paid by the trustee to that contractor in reimbursement of prior payments by the contractor to the State for that year.

(5) Payment of Supplemental Bills. In any year in which a supplemental bill has been submitted to an Agricultural Contractor pursuant to subdivision (c)(4) of this article, such supplemental bill shall be treated as reducing by an equal amount the

obligation of such contractor for that year to make payments into the Agricultural Rate Management Trust Fund. To the extent that such contractor has already made payments to the trust fund in an amount in excess of such contractor's reduced trust fund payment obligation, such contractor may request the trustee to use the excess from the trust fund to pay the supplemental bill.

(6) **Discharge of Payment Obligation.** Each payment to the State by the trust fund shall discharge and satisfy the Agricultural Contractor's obligation to pay the amount of such payment to the State. No reimbursement of the trust fund by the Agricultural Contractor for such payments shall be required. However, each Agricultural Contractor shall continue to make deposits to the trust fund matching the amount of each year's reductions as provided in subdivision (d) of this article so long as the amount in that contractor's account is less than its share of the Cap.

(7) **Distribution of Funds in Excess of the Cap.** Whenever accumulated funds (including interest) in an Agricultural Contractor's account in the trust fund exceed that contractor's share of the Cap, or the estimated remaining payments the contractor is required to make to the State prior to the end of the project repayment period, that contractor may direct the trustee to pay such excess to the contractor.

(8) **Termination of Trust Fund.** At the end of the project repayment period, the Agricultural Rate Management Trust Fund shall be terminated and any balances remaining in the accounts for each of the Agricultural Contractors shall be disbursed to the respective Agricultural Contractors.

(i) Definitions

For the purposes of this article, the following definitions will apply:

(1) "Agricultural Contractor" shall mean the following agencies as they now exist or in any reorganized form:

- (i) County of Kings,
- (ii) Dudley Ridge Water District,
- (iii) Empire West Side Irrigation District,
- (iv) Kern County Water Agency for 993,300 acre-feet of its entitlement,
- (v) Oak Flat Water District,
- (vi) Tulare Lake Basin Water Storage District.

(2) "Urban Contractor" shall mean every other agency having a long term water supply contract with the State as they exist as of the date of this amendment or in any reorganized form as well as Kern County Water Agency for 119,600 acre-feet of its entitlement.

(j) <No Subtitle>

Except as provided in subdivisions (c)(4) and (c)(5), this article shall not be interpreted to result in any greater State authority to charge the contractors than exists under provisions of this contract other than this article.

52.⁵⁶ KERN WATER BANK

(a) <No Subtitle>

The State shall convey to the Kern County Water Agency (KCWA) in accordance with the terms set forth in the agreement between the State of California Department of Water Resources and Kern County Water Agency entitled “Agreement for the Exchange of the Kern Fan Element of the Kern Water Bank” (the Kern Water Bank Contract), the real and personal property described therein.

(b) <No Subtitle>

Subject to the approval of KCWA, other contractors may be provided access to and use of the property conveyed to KCWA by the Kern Water Bank Contract for water storage and recovery. Fifty percent (50%) of any project water remaining in storage on December 31, 1995, from the 1990 Berrenda Mesa Demonstration Program and the La Hacienda Water Purchase Program shall be transferred to KCWA pursuant to the Kern Water Bank Contract. The remaining fifty percent (50%) of any such water (approximately 42,828.5 acre-feet) shall remain as project water and the State’s recovery of such project water shall be pursuant to the provisions of a separate recovery contract. Any other Kern Water Bank demonstration program water shall remain as project water and the State’s recovery of such water shall be pursuant to the provisions of the respective contracts for implementation of such demonstration programs.

53.⁵⁷ PERMANENT TRANSFERS AND REDUCTIONS OF ENTITLEMENT

(a) <No Subtitle>

Article 41 provides that no assignment or transfer of a contract or any part thereof, rights thereunder or interest therein by a contractor shall be valid unless and until it is approved by the State and made subject to such reasonable terms and conditions as the State may impose. In accordance with State policy to assist water transfers, the State and the County of Kings, Dudley Ridge Water District (DRWD), Empire West Side Irrigation District, Kern County Water Agency (KCWA), Oak Flat Water District and Tulare Lake Basin Water Storage District (for the purposes of this article the “Agricultural Contractors”) shall, subject to the conditions set forth in this article, expeditiously execute any necessary documents and approve all contracts between willing buyers and willing sellers until permanent transfers totaling 130,000 acre-feet of annual entitlements of the Agricultural Contractors and, to the extent provided in such contracts, rights in project transportation facilities related to such annual entitlement have been made to other contractors (the “Urban Contractors”) or noncontractors in accordance with the provisions of this article. Such approval requirement shall apply to all contracts executed prior to January 1, 2011. KCWA shall be responsible for approval of such transfers for any portion of the 130,000 acre-foot not previously made available under this article by the other Agricultural Contractors. A contract between a willing buyer and a willing seller shall mean a contract between (1) a buyer which is an Urban Contractor or, to the extent provided in subdivision (e) of this article, a noncontractor and (2) a seller which is an Agricultural Contractor or a public entity which obtains project water from an Agricultural Contractor.

56 Added: Amendment 17
57 Added: Amendment 17

(b) <No Subtitle>

The State shall not be obligated to approve any transfer of annual entitlements if in its judgment the transfer would impair the security of the State's bondholders and the State may impose conditions on any transfer as necessary to make the delivery of the water operationally feasible and to assure that the transportation costs associated with the transferred entitlement are fully repaid. Transfers not approved by the State shall not be considered as part of the 130,000 acre-feet of annual entitlements provided for in this article.

(c) <No Subtitle>

KCWA member units shall have 90 days to exercise a right of first refusal to purchase any annual entitlements being offered for sale to Urban Contractors by another KCWA member unit pursuant to this article, other than those annual entitlements made available to Urban Contractors by subdivision (d) of this article, by agreeing to pay the same price offered by the buyer. Any such sales to KCWA member units exercising such right of first refusal shall not be considered a part of the 130,000 acre-feet of annual entitlements provided for in this article.

(d) <No Subtitle>

Any permanent transfers of annual entitlements by Agricultural Contractors to noncontractors, including transfers to KCWA urban member units or to KCWA's Improvement District Number 4, other than transfers pursuant to subdivision (c) of this article, will be considered a part of the 130,000 acre-feet of annual entitlements provided for in this article if the Urban Contractors have been given a right of first refusal to purchase such annual entitlements as well as transportation rights in accordance with the following terms and procedure:

(1) The Agricultural Contractor shall provide the State a copy of a bona fide contract or Proposed Contract (the "Proposed Contract") and the State shall, within five working days of receipt, provide copies of such Proposed Contract to all Urban Contractors together with a Notice of Proposed Contract stating the date on or before which a Notice of Intent to Exercise a Right of First Refusal (NOI) must be delivered to both the State and the seller, which date shall be 90 days from the date the State mails the Notice of Proposed Contract.

(2) The Proposed Contract shall provide for the transfer of rights in project transportation facilities sufficient to deliver to the seller's service area in any one month eleven percent (11%) of the annual entitlement being transferred or such greater amount as the seller determines to sell; *Provided*, however, that sellers shall not be obligated to sell any transportation rights in the Coastal Aqueduct.

(3) To exercise the right of first refusal, an Urban Contractor shall deliver to the State and the seller its NOI within the time period stated in the Notice of Proposed Contract and shall proceed in good faith to try to complete the transfer to the Urban Contractor. If two or more Urban Contractors deliver NOIs to the State, the amount of annual entitlement and transportation rights being sold shall be allocated among those Urban Contractors that are prepared to perform the purchase by the Performance Date provided for herein in proportion to their maximum annual entitlements, or in another manner acceptable to the Urban Contractors delivering the NOIs. An offer by an Urban Contractor in its NOI to purchase less than the entire annual entitlement and

transportation right being transferred shall not be deemed to be an effective exercise of the right of first refusal unless other Urban Contractors submit NOIs to purchase the remainder of the annual entitlement and transportation right or the noncontractor buyer agrees to purchase the remainder at the same unit price and on the same terms and conditions provided for in the Proposed Contract. The Performance Date shall be the date upon which the Urban Contractor is prepared to perform the purchase, which date shall be the later of: (1) 180 days after the delivery of the NOI or (2) the date set forth in the Proposed Contract for the noncontractor buyer to perform the purchase.

The Performance Date shall be extended at the request of the Urban Contractor if a temporary restraining order or preliminary injunction is in effect as a result of a lawsuit challenging the execution of the contract on the basis of noncompliance with the California Environmental Quality Act. Such extensions shall continue until five days after the temporary restraining order or injunction expires or until the Urban Contractor requests it be discontinued, whichever occurs first. The Urban Contractor shall be liable for any damages suffered by the seller as a result of such extensions of the Performance Date.

(4) If the seller and the noncontractor buyer under the Proposed Contract make any substantive changes in the Proposed Contract, such changes shall constitute a new Proposed Contract that cannot be performed without compliance with all of the procedures set forth in this article.

(5) If an Urban Contractor issuing a NOI fails to complete its exercise of the Right of First Refusal by the Performance Date, the seller shall be free to sell its entitlement in substantial conformance with the terms and conditions set forth in the Proposed Contract. An Urban Contractor issuing a NOI may assign its rights to exercise a right of first refusal to another Urban Contractor and the assignee shall have the same rights as the assignor to complete the purchase by the Performance Date.

(6) In exercising the Right of First Refusal, an Urban Contractor, at its option, may either agree to perform the Proposed Contract in its entirety, including all of its terms and conditions, or agree to pay the price offered under the Proposed Contract for the annual entitlement and transportation rights without condition and without being entitled to enforce or being subject to any other provisions of the Proposed Contract.

(e) <No Subtitle>

As used in this article, "price" shall mean the dollar amount of consideration provided for in the Proposed Contract.

(f) <No Subtitle>

Upon the effective date of any such transfer, the seller shall be relieved of and the buyer shall become liable to the State for all prospective Delta Water Charges, the related Transportation Charges and any other charges for the annual entitlements and associated transportation rights transferred unless the seller and buyer provide otherwise in the contract for the transfer and the State approves such other provisions. However, the contractor making the sale shall remain obligated to the State to make the payments if the buyer defaults on its payments to the State related to the water transferred and is not a party to a long term water

supply contract of the type contained in Department of Water Resources Bulletin Number 141. If the contractor making the sale is required to make any payments to the State as a result of the buyer's default, the entitlement transferred to the defaulting buyer shall, if provided for in the Proposed Contract, revert back to the contractor making the sale. The buyer may also be liable for any charges imposed pursuant to subdivision (g) of this article.

(g) <No Subtitle>

A contractor which is a buyer of annual entitlement pursuant to this article may receive deliveries using any portion of the capacity previously provided by the State in each reach of the project transportation facilities for such contractor that is necessary for transporting the entitlement purchased by it on the same basis as any other entitlement provided for in its Table A in effect prior to the date of the Monterey Amendment. Such contractor may also use any transportation rights transferred to it by a seller in the same manner as the seller was entitled to use them and any unused capacity in any of the reaches specified in this paragraph so long as project operations and/or priority of service of water to other contractors participating in repayment of capital costs in such reaches is not adversely affected. The State shall not be responsible for any resulting adverse impacts upon its ability to provide such contractor peaking capacity. The capital cost and minimum, operation, maintenance, power and replacement components of the Transportation Charge allocated to a buying contractor needing transportation capacity in excess of the capacity factors on which its charges are based in any reach shall be determined prospectively based upon the increase in the buying contractor's annual entitlement resulting from the purchase, and service of water to fulfill annual entitlement to other contractors shall not be impaired. The capital cost and minimum operation, maintenance, power and replacement components of the Transportation Charges shall then be reallocated among the other entities participating in repayment of costs of that reach. For the purposes of this determination, all payments received by the State from the seller relating to the annual entitlement sold shall be deemed to have been received from the buying contractor. Any increased Transportation minimum operation, maintenance, power and replacement component charges allocated to the buying contractor pursuant to this subdivision (g) shall begin January 1 of the year following the effective date of the transfer.

(h) <No Subtitle>

Individual contractors may transfer entitlements among themselves in amounts in addition to those otherwise provided for in this article. The State shall expeditiously execute any necessary documents and approve all contracts involving permanent sales of entitlements among contractors, including permanent sales among Urban Contractors. Such sales shall be subject to the provisions of subdivisions (b), (f) and (g) of this article; *Provided*, however, that for a buying contractor needing transportation capacity in excess of the capacity factors on which its charges are based in any reach, reallocation of the Transportation capital cost component charges for transfers other than (i) the 130,000 acre-feet provided for in this article and (ii) the approximate 33,000 acre-feet of transfers proposed from contractors located in Santa Barbara or San Luis Obispo counties, shall be determined both prospectively and retroactively.

(i) <No Subtitle>

On January 1 following the year in which such Monterey Amendments take effect and continuing every year thereafter until the end of the project repayment period: (i) Kern County

Water Agency's (KCWA) annual entitlement for agricultural use as currently designated in Table A-1 of its contract shall be decreased by 40,670 acre-feet; (ii) Dudley Ridge Water District's (DRWD) annual entitlement as currently designated in Table A of its contract shall be decreased by 4,330 acre-feet; and (iii) the State's prospective charges (including any adjustments for past costs) for the 45,000 acre-feet of annual entitlements to be relinquished by KCWA and DRWD thereafter shall be deemed to be costs of project conservation facilities and included in the Delta Water Charge for all contractors in accordance with the provisions of Article 22. If by November 20, 1995 and each October 1 thereafter until the Monterey Amendments of both KCWA and DRWD take effect, KCWA and DRWD at their option notify the State in writing that they will relinquish up to their shares of 45,000 acre-feet of annual entitlements for the following calendar year beginning before the Monterey Amendments take effect, the State, when and if the Monterey Amendments take effect, shall adjust the charges retroactively for the acre-feet relinquished by KCWA and DRWD to January 1 of each year for which water was relinquished. The delivery points for the 45,000 acre-feet of annual entitlement to be relinquished shall be identified for the State by KCWA and DRWD to enable the State to calculate the transportation costs for the 45,000 acre-feet to be included in the Delta Water Charge.

54.⁵⁸ USAGE OF LAKES CASTAIC AND PERRIS

(a) <No Subtitle>

The State shall permit the contractors participating in repayment of the capital costs of Castaic Lake (Reach 30) and Lake Perris (Reach 28J) to withdraw water from their respective service connections in amounts in excess of deliveries approved pursuant to other provisions of the state water contracts. Each such contractor shall be permitted to withdraw up to a Maximum Allocation from the reach in which it is participating. The contractors participating in repayment of Castaic Lake may withdraw a collective Maximum Allocation up to 160,000 acre-feet pursuant to this article, which shall be apportioned among them pursuant to the respective proportionate use factors from the Department of Water Resources' Bulletin 132-94, Table B-1 upon which capital cost repayment obligations are based, as follows:

Castaic Lake

Participating Contractor	Proportionate Use Factor	Maximum Allocation (Acre Feet)
The Metropolitan Water District of Southern California	0.96212388	153,940
Ventura County Flood Control and Water Conservation District	0.00860328	1,376
Castaic Lake Water Agency	0.02927284	4,684
Total	1.00000000	160,000

58 Added: Amendment 17

The Metropolitan Water District of Southern California, as the only contractor participating in repayment of Lake Perris, shall be allocated a Maximum Allocation at Lake Perris of 65,000 acre-feet based upon a proportionate use factor of 1.00000000.

The Maximum Allocation totals of 160,000 acre-feet and 65,000 acre-feet shall not be subject to adjustment. The individual contractor's Maximum Allocations shall be adjusted only as agreed to among the contractors desiring to adjust their Maximum Allocations. Adjustments between the contractors shall be subject to approval of the State which approval shall be given unless there are adverse impacts upon another contractor participating in the reach which are unacceptable to such contractor. The participating contractors will, in consultation with the State, cooperate with each other in an effort to promote efficient utilization of Castaic Lake, and to minimize any adverse impacts to each other, through coordination of deliveries pursuant to other provisions of the State Water Contract as well as withdrawals of allocations pursuant to this article.

(b) <No Subtitle>

The State shall operate Castaic and Perris Reservoirs as transportation facilities in a manner consistent with this article. A contractor desiring to withdraw a portion or all of its Maximum Allocation shall furnish the State with a proposed delivery schedule. The proposed schedule may be submitted as part of the preliminary water delivery schedule submitted pursuant to Article 12(a)(1). Upon receipt of a schedule the State shall promptly review it to ensure that the amounts, times and rates of delivery will be consistent with the State's ability to operate the reach. The contractor may modify its proposed delivery schedule at any time, and the modified schedule shall be subject to review in the same manner. If necessary, the State may modify the schedule after consultation with the contractor and other contractors participating in repayment of that reach but may not change the total quantity of water to be withdrawn. As part of the consultation, the State shall advise a contractor if it determines a withdrawal will adversely impact the rate of delivery provided for the contractor in this contract. The State shall not be responsible for any such impacts.

(c) <No Subtitle>

A contractor may withdraw all or a portion of its Maximum Allocation. It shall restore any withdrawn portion of such allocation by furnishing an equivalent amount of replacement water to the reservoir from which the water was withdrawn within five years from the year in which the withdrawal takes place. The unused portion of the allocation, in addition to any replacement water furnished to the reservoir, shall remain available for subsequent withdrawal. The State shall keep an accounting of the contractor's storage withdrawals and replacements. In any year, the State shall permit a contractor to withdraw an amount equivalent to the contractor's Maximum Allocation minus remaining replacement water requirements due to previous withdrawals. If the contractor fails to schedule and replace the withdrawn water within the five-year return period, the State shall provide the replacement water from water scheduled for delivery to the contractor in the sixth year or as soon as possible thereafter. The total amount of scheduled annual entitlement which a contractor can use in any one year for restoring its Maximum Allocation and storing water in surface storage facilities outside of its service area pursuant to Article 56 shall be the sum of the maximum amount the contractor can add to storage

that year pursuant to Article 56 and the amount of acre-feet shown in column 2 of the following table, depending on the State’s final water supply allocation percentage as shown in column 1.

1. Final Water Supply Allocation Percentage	2. Maximum Acre-Feet of Scheduled Entitlement for Restoring Maximum Allocation*
50% or less	100,000
51%	98,000
52%	96,000
53%	94,000
54%	92,000
55%	90,000
56%	88,000
57%	86,000
58%	84,000
59%	82,000
60%	80,000
61%	78,000
62%	76,000
63%	74,000
64%	72,000
65%	70,000
66%	68,000
67%	66,000
68%	64,000
69%	62,000
70%	60,000
71%	58,000
72%	56,000
73%	54,000
74%	52,000
75 to 99%	50,000
100%	no limit

*Excludes the maximum amount that can be added to storage in a year pursuant to Article 56, which may be used in addition to the amounts in this table to restore Maximum Allocation.

A contractor may use any of this total amount for replacement water but cannot use any more than that provided for in Article 56 to add to storage in project surface conservation facilities and in nonproject surface storage facilities. There shall be no limit under this article on the amount of scheduled annual entitlement a contractor can use to restore its Maximum Allocation in a year when its percentage of annual water supply allocation is one-hundred percent (100%), nor shall there be any limit under this article on the amount of interruptible water, nonproject water or water obtained through an exchange which a contractor can use to restore its Maximum Allocation.

(d) <No Subtitle>

For any replacement water furnished to reservoir storage pursuant to this article, the responsible contractor shall pay the State charges for the conservation, if any, and transportation of such replacement water as are associated with the type of replacement water that is furnished, as if such water were delivered to the turnout at the reservoir to which the replacement water is furnished. Adjustments from estimated to actual costs shall be subject to provisions applicable to the type of replacement water. The State shall not charge contractors for water withdrawn pursuant to this article.

(e) <No Subtitle>

The State shall operate capacity in Castaic and Perris Reservoirs, not required for purposes of Maximum Allocation deliveries, in compliance with the requirement of Article 17(b) of The Metropolitan Water District of Southern California's water supply contract with the State to maintain an amount of water reasonably sufficient to meet emergency requirements of the contractors participating in repayment of that reach. A contractor receiving water pursuant to this article accepts that the State shall not be liable for any damage, direct or indirect, arising from shortages in the amount of water to be made available from that reservoir to meet the contractor's actual emergency requirements as a result of prior storage withdrawals by that contractor pursuant to this article. Nothing in this article shall permit or require the State to adjust allocations or deliveries under Article 18.

(f) <No Subtitle>

To the extent a contractor, during a calendar year, uses all or a portion of its Maximum Allocation, the State may, to the extent necessary to service project purposes, reduce that contractor's requested peaking service. Such reduction in peaking service shall only occur to the extent such usage of Maximum Allocation causes the State to be unable to provide all peaking service requested. This paragraph shall not apply to the extent the contractor requested usage of Maximum Allocation as part of the preliminary water delivery schedule submitted pursuant to Article 12(a)(1).

(g) <No Subtitle>

The State may reduce water stored in Castaic Lake and Lake Perris to the extent necessary for maintenance and to respond to emergencies resulting from failure of project transportation facilities or of other supply importation facilities serving the State project service area. The State shall promptly replace water within the Maximum Allocation as soon as the need for the reduction terminates.

55.⁵⁹ TRANSPORTATION OF NONPROJECT WATER

(a) <No Subtitle>

Subject to the delivery priorities in Article 12(f), contractors shall have the right to receive services from any of the project transportation facilities to transport water procured by them from nonproject sources for delivery to their service areas and to interim storage outside their service areas for later transport and delivery to their service areas: *Provided*, that except to

59 Added: Amendment 17

the extent such limitation in Section 12931 of the Water Code be changed, a contractor shall not use the project transportation facilities under this option to transport water the right to which was secured by the contractor through eminent domain unless such use be approved by the Legislature by concurrent resolution with the majority of the members elected to each house voting in favor thereof.

(b) <No Subtitle>

For any nonproject water delivered pursuant to this article, contractors shall pay the State the same (including adjustments) for power resources (including on-aqueduct, off-aqueduct, and any other power) incurred in the conservation and transportation of such water as if such nonproject water were entitlement water, as well as all incremental operation, maintenance, and replacement costs, and any other incremental costs, which may include an administrative or contract preparation charge, all as determined by the State. Incremental costs shall mean those nonpower costs which would not be incurred if nonproject water were not scheduled for or delivered to contractors. Only those contractors not participating in the repayment of a reach shall be required to pay a use of facilities charge for the delivery of nonproject water from or through that reach. Costs for transporting water placed into interim storage shall be paid in the same manner provided for in subdivision (c)(6) of Article 56.

(c) <No Subtitle>

The amounts, times and rates of delivery of nonproject water shall be provided for pursuant to a water delivery schedule to be issued in the same manner as provided for in Article 12. The costs specified in this article shall be paid for at the same time the corresponding project water costs are paid.

56.⁶⁰ USE, STORAGE AND SALE OF PROJECT WATER OUTSIDE OF SERVICE AREA AND STORAGE OF WATER IN PROJECT SURFACE CONSERVATION FACILITIES

(a) State Consent to Use of Project Water Outside of Service Area

Notwithstanding the provisions of Article 15(a), the State hereby consents to the Agency storing project water for use outside its service area in accordance with the provisions of subdivision (d) of this article.

(b) Groundwater Storage Programs

The Agency shall cooperate with other contractors in the development and establishment of groundwater storage programs.

(c) Storage of Project Water Outside of Service Area

(1) A contractor may elect to store project water outside its service area for later use within its service area, up to the limits and in accordance with the provisions provided for in this subdivision (c) and any applicable water right laws, by setting forth on the preliminary water delivery schedule submitted to the State on or before October 1 of each year pursuant to Article 12(a) the quantity of project water it wishes to store in the next succeeding year. There shall be no limit on the amount of project water a

60 Added: Amendment 17

contractor can store outside its service area during any year in a then existing and operational groundwater storage program. The amount of project water a contractor can add to storage in project surface conservation facilities and in nonproject surface storage facilities located outside the contractor’s service area each year shall be limited to the lesser of the percent of the contractor’s Table A annual entitlement shown in column 2 or the acre-feet shown in column 3 of the following table, depending on the State’s final water supply allocation percentage as shown in column 1. However, there shall be no limit to storage in nonproject facilities in a year in which the State’s final water supply allocation percentage is one hundred percent. These limits shall not apply to water stored pursuant to Article 12(e).

1. Final Water Supply Allocation Percentage	2. Maximum Percent of Agency’s Annual Entitlement That Can be Stored	3. Maximum Acre-Feet That Can be Stored
50% or less	25%	100,000
51%	26%	104,000
52%	27%	108,000
53%	28%	112,000
54%	29%	116,000
55%	30%	120,000
56%	31%	124,000
57%	32%	128,000
58%	33%	132,000
59%	34%	136,000
60%	35%	140,000
61%	36%	144,000
62%	37%	148,000
63%	38%	152,000
64%	39%	156,000
65%	40%	160,000
66%	41%	164,000
67%	42%	168,000
68%	43%	172,000
69%	44%	176,000
70%	45%	180,000
71%	46%	184,000
72%	47%	188,000
73%	48%	192,000
74%	49%	196,000
75% or more	50%	200,000

(2) Storage capacity in project surface conservation facilities at any time in excess of that needed for project operations shall be made available to requesting contractors for storage of project and nonproject water. If such storage requests exceed the available storage capacity, the available capacity shall be allocated among contractors

requesting storage in proportion to their annual entitlements designated in their Table A's for that year. A contractor may store water in excess of its allocated share of capacity as long as capacity is available for such storage.

(3) If the State determines that a reallocation of excess storage capacity is needed as a result of project operations or because of the exercise of a contractor's storage right, the available capacity shall be reallocated among contractors requesting storage in proportion to their annual entitlements designated in their Table A's for that year. If such reallocation results in the need to displace water from the storage balance for any contractor or noncontractor, the water to be displaced shall be displaced in the following order of priority:

First, water, if any, stored for noncontractors.

Second, water stored for a contractor that previously was in excess of that contractor's allocation of storage capacity.

Third, water stored for a contractor that previously was within that contractor's allocated storage capacity.

The State shall give as much notice as feasible of a potential displacement.

(4) Any contractor electing to store project water outside its service area pursuant to this subdivision may not sell project water under the provisions of subdivision (d) of this article during the year in which it elected to store project water. This limitation shall not apply to replacement water furnished to Castaic and Perris Reservoirs pursuant to Article 54, nor to the storage of water introduced into a groundwater basin outside a contractor's service area if recovery is intended to occur within that contractor's service area.

(5) The restrictions on storage of project water outside a contractor's service area provided for in this subdivision (c), shall not apply to storage in any project offstream storage facilities constructed south of the Delta after the date of this amendment.

(6) For any project water stored outside its service area pursuant to this subdivision (c), a contractor shall pay the State the same (including adjustments) for power resources (including on-aqueduct, off-aqueduct, and any other power) incurred in the transportation of such water as the contractor pays for the transportation of annual entitlement to the reach of the project transportation facility from which the water is delivered to storage. If annual entitlement is stored, the Delta Water Charge shall be charged only in the year of delivery to interim storage. For any stored water returned to a project transportation facility for final delivery to its service area, the contractor shall pay the State the same for power resources (including on-aqueduct, off-aqueduct, and any other power) incurred in the transportation of such water calculated from the point of return to the aqueduct to the turn-out in the contractor's service area. In addition, the contractor shall pay all incremental operation, maintenance, and replacement costs, and any other incremental costs, as determined by the State, which shall not include any administrative or contract preparation charge. Incremental costs shall mean those nonpower costs which would not be incurred if such water were scheduled for or

delivered to the contractor's service area instead of to interim storage outside the service area. Only those contractors not participating in the repayment of a reach shall be required to pay a use of facilities charge for use of a reach for the delivery of water to, or return of water from, interim storage.

(7) A contractor electing to store project water in a nonproject facility within the service area of another contractor shall execute a contract with that other contractor prior to storing such water which shall be in conformity with this article and will include at least provisions concerning the point of delivery and the time and method for transporting such water.

(d) Sale of Project Water For Use Outside Service Area

(1) If in any year a contractor has been allocated annual entitlement that it will not use within its service area, the contractor has not elected to store project water in accordance with the provisions of subdivision (c) of this article during that year, and the contractor has not elected to carry over entitlement water from the prior year pursuant to the provisions of Article 12(e), the contractor may sell such annual entitlement for use outside its service area in accordance with the following provisions.

(2) Each year the State shall establish an annual entitlement water pool (the Pool) for contractors wishing to sell or buy project water pursuant to the provisions of this subdivision. The Pool shall constitute the exclusive means of selling portions of annual entitlements not desired by contractors that year. Contractors willing to sell to or buy water from the Pool shall notify the State in writing of their desire to do so indicating the quantity to be sold or purchased. Contractors shall have the first priority to purchase all water placed in the Pool. The State may purchase any water remaining in the Pool not purchased by contractors at the same price available to contractors and use such water for the purpose of providing additional carryover storage for contractors: *Provided*, that the State shall consult with the contractors prior to making any such purchases.

(3) Each year, the price per acre-foot to be paid by the State to contractors selling water placed in the Pool on or before February 15 that is purchased by a contractor requesting such purchase by March 1 or by the State on March 1 shall be equal to fifty percent (50%) of the Delta water rate as of that date. The price per acre-foot to be paid to the State for the purchase of water from the Pool by a contractor placing a request for such purchase on or before March 1 shall be equal to fifty percent (50%) of the Delta water rate as of that date. Any water placed in the Pool on or before February 15 that is not purchased by contractors or the State by March 1 may be withdrawn from the Pool by the selling contractor.

(4) Each year the price per acre-foot to be paid by the State to contractors selling water remaining in the Pool or placed in the Pool after February 15, but on or before March 15 that is purchased by a contractor requesting such purchase by April 1 or by the State on April 1 shall be equal to twenty-five percent (25%) of the Delta water rate as of that date. The price per acre-foot to be paid to the State for the purchase of water from the Pool by a contractor placing a request for such purchase between March 2 and April 1 shall be equal to twenty-five percent (25%) of the Delta water rate as of the later date. Any water placed in the Pool on or before March 15 that is not purchased by a

contractor or the State by April 1 may be withdrawn from the Pool by the selling contractor.

(5) If there are more requests from contractors to purchase water from the Pool than the amount in the Pool, the water in the Pool shall be allocated among those contractors requesting such water in proportion to their annual entitlements for that year up to the amount of their requests. If requests to purchase water from the Pool total less than the amount of water in the Pool, the sale of Pool water shall be allocated among the contractors selling such water in proportion to their respective amounts of water in the Pool.

(6) Any water remaining in the Pool after April 1 that is not withdrawn by the selling contractor shall be offered by the State to contractors and noncontractors and sold to the highest bidder: *Provided*, that if the highest bidder is a noncontractor, all contractors shall be allowed fifteen days to exercise a right of first refusal to purchase such water at the price offered by the noncontractor. The price to be paid to the selling contractor shall be the amount paid by the buyer exclusive of the amount to be paid by the buyer to the State pursuant to subdivision (d)(7) of this article.

(7) For any water delivered from the Pool to contractors, the buyer shall pay the State the same for power resources (including on-aqueduct, off-aqueduct, and any other power) incurred in the transportation of such water as if such water were entitlement water, as well as all incremental operation, maintenance, and replacement costs, and any other incremental costs, as determined by the State, which shall not include any administrative or contract preparation charge. Incremental costs shall mean those nonpower costs which would not be incurred if such water were not scheduled for or delivered to the buyer. Only those buyers not participating in the repayment of a reach shall be required to pay any use of facilities charge for the delivery of such water from or through the reach. Adjustments from estimated to actual costs shall be computed by the State pursuant to these provisions and shall be paid by the buyer or credited to the buyer at the times and interest rates described in Article 28(c).

(e) Continuance of Article 12(e) Carry-over Provisions

The provisions of this article are in addition to the provisions of Article 12(e), and nothing in this article shall be construed to modify or amend the provisions of Article 12(e). Any contractor electing to sell project water during any year in accordance with the provisions of subdivision (d) of this article, shall not be precluded from using the provisions of Article 12(e) for carrying over water from the last three months of that year into the first three months of the succeeding year.

(f) Bona Fide Exchanges Permitted

Nothing in this article shall be deemed to prevent the Agency from entering into bona fide exchanges of project water for use outside the Agency's service area with other parties for project water or nonproject water if the State consents to the use of the project water outside the Agency's service area. Also, nothing in this article shall be deemed to prevent the Agency from continuing those exchange or sale arrangements entered into prior to September 1, 1995, which had previously received any required State approvals. A "bona fide exchange" shall mean an exchange of water involving a contractor and another party where the primary consideration for

one party furnishing water to another is the return of a substantially similar amount of water, after giving due consideration to the timing or other nonfinancial conditions of the return. Reasonable payment for costs incurred in effectuating the exchange and reasonable deductions from water delivered, based on expected storage or transportation losses may be made. A “bona fide exchange” shall not include a transfer of water from one contractor to another party involving a significant payment unrelated to costs incurred in effectuating the exchange. The State, in consultation with the contractors, shall have authority to determine whether transfers of water constitute “bona fide exchanges” within the meaning of this paragraph and not disguised sales.

(g) Other Transfers

Nothing in this article shall be deemed to modify or amend the provisions of Article 15(a), or Article 41, except as expressly provided for in subdivisions (c) and (d) of this article.

57.⁶¹ <INTENTIONALLY LEFT BLANK FOR FUTURE USE>

58.⁶² DETERMINATION OF DEPENDABLE ANNUAL SUPPLY OF PROJECT WATER TO BE MADE AVAILABLE BY EXISTING PROJECT FACILITIES

In order to provide current information regarding the delivery capability of existing project conservation facilities, commencing in 2003 and every two years thereafter the State shall prepare and mail a report to all contractors, and all California city, county, and regional planning departments and agencies within the contractors’ project service areas. This report will set forth, under a range of hydrologic conditions, estimates of overall delivery capability of the existing project facilities and of supply availability to each contractor in accordance with other provisions of the contractors’ contracts. The range of hydrologic conditions shall include the delivery capability in the driest year of record, the average over the historic extended dry cycle and the average over the long-term. The biennial report also include, for each of the ten years immediately preceding the report, the total amount of project water delivered to all contractors and the amount of project water delivered to each contractor.

61 Added: Amendment 18
62 Added: Amendment 18

IN WITNESS WHEREOF, the parties hereto have executed this contract on the date first above written.

IN WITNESS WHEREOF, the parties hereto have executed this contract on the date first above written.

Approved as to legal form and sufficiency:

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

Andrew J. Farnice
For Chief Counsel
Department of Water Resources
P.O. Box 388
Sacramento, California

W. E. Hamm
Director

Attest:

CRESTLINE-LAKE ARROWHEAD WATER AGENCY

Herman Bleich
Secretary
Crestline-Lake Arrowhead Water Agency
P.O. Box 880
Crestline, California

By *Stanley Ziegler*
President

Approved as to form and execution:

By *Lloyd D. Klopfenstein*
Director

Robert J. Farnice
Counsel

By *Bruce Horning*
Director

By *Hayden Smith*
Director

By *Francis D. Newcombe*
Director

TABLE A⁶³
ANNUAL ENTITLEMENTS
CRESTLINE-LAKE ARROWHEAD WATER AGENCY

Year	(acre-feet)
1 (1972)	526
2 (1973)	870
3 (1974)	1,160
4 (1975)	1,450
5 (1976)	1,740
6 (1977)	2,030
7 (1978)	2,320
8 (1979)	2,610
9 (1980)	2,900
10 (1981)	3,190
11 (1982)	3,480
12 (1983)	3,770
13 (1984)	4,060
14 (1985)	4,350
15 (1986)	4,640
16 (1987)	4,930
17 (1988)	5,220
18 (1989)	5,510
19 (1990)	5,800

and each succeeding year thereafter,
for the term of this contract **5,800**

⁶⁴In any year, the amounts designated in this Table A shall not be interpreted to mean that the State is able to deliver those amounts in all years. Article 58 describes the State's process for providing current information for project delivery capability.

63 Amended: Amendment 10
64 Amended: Amendment 18

TABLE B

ALLOCATED PROPORTION OF COSTS OF PROJECT TRANSPORTATION FACILITIES

<Placeholder: Table B, shown in Agency's 1963 Contract, without numbers.>

<Table B is published as Tables B-1 & B-2 in Bulletin 132.>

TABLE C

PROJECTED ALLOCATION OF CAPITAL COST OF PROJECT TRANSPORTATION FACILITIES

<Placeholder: Table C, shown in Agency's 1963 Contract, without numbers.>

<Table C is published as Table B-14 in Bulletin 132.>

TABLE D

TRANSPORTATION CHARGE - CAPITAL COST COMPONENT

<Placeholder: Table D, shown in Agency's 1963 Contract, without numbers.>

<Table D is published (Unadjusted) as Table B-15 in Bulletin 132.>

TABLE E

**TRANSPORTATION CHARGE - MINIMUM OPERATION, MAINTENANCE, POWER,
AND REPLACEMENT COMPONENT**

<Placeholder: Table E, shown in Agency's 1963 Contract, without numbers.>

<Table E is published as Table B-16A in Bulletin 132.>

TABLE F

**TRANSPORTATION CHARGE—VARIABLE OPERATION, MAINTENANCE, POWER,
AND REPLACEMENT COMPONENT**

<Placeholder: Table F, shown in Agency's 1963 Contract, without numbers.>

<Table F is published in summary form as Table B-18 in Bulletin 132.>

TABLE G

PAYMENT SCHEDULE

<Placeholder: Table G, shown in Agency's 1963 Contract, without numbers.>

<Table G is published in summary form as Table B-19 in Bulletin 132.>

TABLE H⁶⁵

PROJECT TRANSPORTATION FACILITIES CRESTLINE-LAKE ARROWHEAD WATER AGENCY

A San Joaquin Valley-Southern California Aqueduct extending to the South Portal of the San Bernardino Tunnel on the East Branch Aqueduct defined below, to the extent such aqueduct is determined by the State to be required for water transportation.

(1) “East Branch Aqueduct” shall mean that portion of the San Joaquin Valley-Southern California Aqueduct specified in Section 12934(d)(2) of the Water Code extending from the Junction of East and West Branches to a terminus in the vicinity of Perris, Riverside County.

65 Amended: Amendments No. 2, 3

TABLE I
AQUEDUCT REACHES
CRESTLINE-LAKE ARROWHEAD WATER AGENCY

Aqueduct Reach	Major Features of Reach
Delta to Discharge Delta Pumping Plant:	Intake Channel Fish Protective Facilities Delta Pumping Plant (Pumping Plant I)
Discharge Delta Pumping Plant to San Luis Forebay:	Aqueduct
San Luis Forebay:	San Luis Forebay and Forebay Dam
San Luis Forebay to Kettleman City:	Aqueduct Mile 18 Pumping Plant
Kettleman City to Avenal Gap:	Aqueduct
Avenal Gap to Buena Vista Pumping Plant:	Aqueduct
Buena Vista Pumping Plant Wheeler Ridge Pumping Plant I:	Buena Vista Pumping Plant Aqueduct
Wheeler Ridge Pumping Plant I to Tehachapi Pumping Plant:	Wheeler Ridge Pumping Plant I Wheeler Ridge Pumping Plant II Aqueduct
Tehachapi Pumping Plant to South Portal Tehachapi Tunnels:	Tehachapi Pumping Plant (Pumping Plant VI) Tehachapi Tunnels
South Portal Tehachapi Tunnels to Junction, East and West Branches:	Cottonwood Power Plant Aqueduct
EAST BRANCH	
Junction, East and West Branches to Little Rock Creek:	Aqueduct
Little Rock Creek to West Fork Mojave River:	Pearblossom Pumping Plant Aqueduct

ATTACHMENT 1

<Amendment No 14>

<Only would apply if condition in Article 50(i)(5) met.>

Article 1(r) is amended to read:

(r) Project Interest Rate

“Project interest rate” shall mean the weighted average interest rate of (1) through (6) below computed by dividing (i) the total interest cost required to be paid or credited by the State during the life of the indebtedness or advance by (ii) the total of the products of the various principal amounts and the respective terms in years of all such amounts:

- (1) general obligation bonds issued by the State under the Bond Act,
- (2) revenue bonds issued by the State under the Central Valley Project Act after May 1, 1969,
- (3) bonds issued by the State under any other authority granted by the Legislature or the voters,
- (4) bonds issued by any agency, district, political subdivision, public corporation, or nonprofit corporation of this State,
- (5) funds advanced by any contractor without the actual incurring of bonded debt therefor, for which the net interest cost and terms shall be those which would have resulted if the contractor had sold bonds for the purpose of funding the advance, as determined by the State, and
- (6) funds borrowed from the General Fund or other funds in the Treasury of the State of California, for which the total interest cost shall be computed at the interest rate earned over the period of such borrowing by moneys in the Pooled Money Investment Account of such Treasury invested in securities, to the extent the proceeds of any such bonds, advances or loans are for construction of the State Water Facilities defined in Section 12934(d) of the Water Code, the additional project conservation facilities, and the supplemental conservation facilities, (except off-aqueduct power facilities and advances for delivery structures, measuring devices and excess capacity) and without regard to any premiums received on the sale of bonds under item (1) above. The “project interest rate” shall be computed as a decimal fraction to five places.

APPENDIX B

CLAWA Water Supply Contract Amendment

STATE OF CALIFORNIA
CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 19 (THE CONTRACT EXTENSION AMENDMENT)
TO WATER SUPPLY CONTRACT BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND CRESTLINE-LAKE ARROWHEAD
WATER AGENCY FOR CONTINUED SERVICE AND THE TERMS AND CONDITIONS
THEREOF

THIS AMENDMENT to the Water Supply Contract is made this 18th day of January, 2019, pursuant to the provisions of the California Water Resources Development Bond Act, the Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State," and Crestline-Lake Arrowhead Water Agency, herein referred to as the "Agency."

Note on document version

This version of the contract amendment has been revised to comply with accessibility requirements of Section 508 of the Rehabilitation Act. Contents are unchanged from the original.

INDEX

INDEX OF TABLES 3

RECITALS 4

AMENDED CONTRACT TEXT 5

 1. DEFINITIONS..... 5

 2. TERM OF CONTRACT..... 15

 22. DELTA WATER CHARGE 16

23. TRANSPORTATION CHARGE. 30

 24. TRANSPORTATION CHARGE—CAPITAL COMPONENTS. 33

 25. TRANSPORTATION CHARGE—MINIMUM OPERATION, MAINTENANCE, POWER, AND
 REPLACEMENT COMPONENT..... 42

 26. TRANSPORTATION CHARGE—VARIABLE OPERATION, MAINTENANCE AND POWER
 COMPONENT..... 45

27. TRANSPORTATION CHARGE -- REPAYMENT SCHEDULE. 47

 28. DELTA WATER CHARGE AND TRANSPORTATION CHARGE—REDETERMINATION..... 48

 29. TIME AND METHOD OF PAYMENT OF DELTA WATER CHARGE AND TRANSPORTATION
 CHARGE 52

 50. WATER SYSTEM FACILITY REVENUE BOND FINANCING COSTS 55

 51. FINANCIAL ADJUSTMENTS. 60

NEW CONTRACT ARTICLE..... 71

 II. ARTICLE 61 IS ADDED TO THE CONTRACT AS A NEW ARTICLE AS FOLLOWS: 71

 61. FINANCIAL ACCOUNTS AND ACTIVITIES..... 71

NEW CONTRACT APPENDIX 76

 III. APPENDIX B IS ADDED TO THE CONTRACT AS A NEW APPENDIX AND SHALL READ AS
 FOLLOWS:..... 76

AMENDMENT IMPLEMENTING AND ADMINISTRATIVE PROVISIONS..... 78

INDEX OF TABLES

B - PROJECTED ALLOCATIONS TO AGENCY OF PROJECT CONSERVATION FACILITY
CAPITAL COSTS INCURRED ON OR AFTER THE BILLING TRANSITION DATE 22

C - PROJECTED CHARGES TO AGENCY UNDER THE CAPITAL COMPONENT OF THE
DELTA WATER CHARGE FOR COSTS INCURRED ON OR AFTER THE BILLING
TRANSITION DATE 24

D - DELTA WATER CHARGE -- ESTIMATED MINIMUM OPERATION, MAINTENANCE,
POWER AND REPLACEMENT COMPONENT FOR COSTS INCURRED ON OR AFTER
THE BILLING TRANSITION DATE 25

E - DELTA WATER CHARGE -- ESTIMATED VARIABLE OPERATION, MAINTENANCE AND
POWER COMPONENT FOR COSTS INCURRED ON OR AFTER THE BILLING
TRANSITION DATE 26

F - REPAYMENT SCHEDULE -- DELTA WATER CHARGE FOR COSTS INCURRED ON OR
AFTER THE BILLING TRANSITION DATE 27

G - PROJECT TRANSPORTATION FACILITIES NECESSARY TO DELIVER WATER TO
AGENCY 32

H - PROJECTED ALLOCATIONS OF CAPITAL COSTS INCURRED PRIOR TO THE BILLING
TRANSITION DATE OF PROJECT TRANSPORTATION FACILITIES TO AGENCY 34

I - TRANSPORTATION CHARGE FOR COSTS INCURRED PRIOR TO THE BILLING
TRANSITION DATE -- CAPITAL COST COMPONENT 35

J - PROJECTED ALLOCATIONS TO AGENCY OF PROJECT TRANSPORTATION FACILITY
CAPITAL COSTS INCURRED ON OR AFTER THE BILLING TRANSITION DATE 37

K - PROJECTED CHARGES UNDER THE CAPITAL COMPONENT OF THE
TRANSPORTATION CHARGE FOR COSTS INCURRED ON OR AFTER THE BILLING
TRANSITION DATE TO AGENCY 38

L - RELEVANT VALUES THAT SHALL SERVE AS THE BASIS FOR ALLOCATION OF ALL
TRANSPORTATION CHARGE COSTS 39

M - TRANSPORTATION CHARGE -- MINIMUM OPERATION MAINTENANCE, POWER, AND
REPLACEMENT COMPONENT 43

N - TRANSPORTATION CHARGE -- ESTIMATED VARIABLE OPERATION, MAINTENANCE,
AND POWER COMPONENT 46

O - REPAYMENT SCHEDULE -- TRANSPORTATION CHARGE 47

RECITALS

- A. The State and the Agency entered into and subsequently amended a water supply contract (the “contract”), dated June 22, 1963, providing that the State shall supply certain quantities of water to the Agency and providing that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payments; and
- B. Article 2 of the contract provides that the contract shall remain in effect for the longest of the following: (1) the project repayment period, which, as defined in the contract, is to end on December 31, 2035; (2) 75 years from the original date of the contract; and (3) the period ending with the latest maturity date of any bond issue used to finance the construction costs of project facilities; and
- C. The longest of the above referenced periods in Article 2 would have ended in this contract on June 22, 2038; and
- D. Article 4 of the contract provides that the Agency, by written notice to the State at least six (6) months prior to the expiration of the term of the contract (as specified in Article 2), may elect to receive continued service under the contract under certain conditions specified therein and under other terms and conditions that are reasonable and mutually agreed upon by the State and the Agency; and
- E. The State, the Agency and representatives of certain other State Water Project Contractors have negotiated and executed a document (Execution Version dated June 18, 2014), the subject of which is “Agreement in Principle Concerning Extension of the State Water Project Water Supply Contracts” (the “Agreement in Principle”); and
- F. The Agreement in Principle describes the terms and conditions of the continued service upon which the State and the Agency mutually proposed to develop contractual amendments consistent with the Agreement In Principle; and
- G. The State, the Agency and those Contractors intending to be subject to the contract amendments contemplated by the Agreement in Principle subsequently prepared an amendment to their respective contracts to implement the provisions of the Agreement in Principle, and such amendment was named the “Amendment for Continued Service and the Terms and Conditions Thereof”; and
- H. The State and the Agency desire to implement continued service under the contract under the terms and conditions of this Amendment for Continued Service and the Terms and Conditions Thereof to the water supply contract; and
- I. The Agency’s execution of this Amendment for Continued Service and the Terms and Conditions Thereof is the equivalent of the Agency’s election under Article 4 to receive continued service under the contract under the conditions provided in Article 4, and the mutually agreed terms and conditions herein are the other reasonable and equitable terms and conditions of continued service referred to in Article 4.

NOW, THEREFORE, IT IS MUTUALLY AGREED that the following changes and additions are hereby made to the Agency's water supply contract with the State:

AMENDED CONTRACT TEXT

I. ARTICLES 1, 2, 22 THROUGH 29, 50 AND 51 ARE DELETED IN THEIR ENTIRETY AND REPLACED WITH THE FOLLOWING TEXT:

1. DEFINITIONS.

When used in this contract, the following terms shall have the meanings hereinafter set forth:

(a) **“Additional Project Conservation Facilities”** shall mean the following facilities and programs, which will serve the purpose of preventing any reduction in the Minimum Project Yield as hereinafter defined:

(1) Those Project Facilities specified in Section 12938 of the Water Code;

(2) Those facilities and programs described in (A), (B), (C), (D), and (E) below which, in the State's determination, are engineeringly feasible and capable of producing Project Water which is economically competitive with alternative new water supply sources, *provided* that in the State's determination, the construction and operation of such facilities and programs will not interfere with the requested deliveries of Annual Table A Amount to any Contractor other than the sponsoring Contractor, and will not result in any greater annual charges to any Contractor other than the sponsoring Contractor than would have occurred with the construction at the same time of alternative new water supply sources which are either reservoirs located north of the Delta or off-Aqueduct storage reservoirs located south or west of the Delta designed to supply water to the California Aqueduct.

The following facilities and programs shall hereinafter be referred to as “Local Projects”:

(A) On-stream and off-stream surface storage reservoirs not provided for in Section 12938 of the Water Code, that will produce Project Water for the System for a period of time agreed to by the sponsoring Contractor;

(B) Groundwater storage facilities that will produce Project Water for the System for a period of time agreed to by the sponsoring Contractor;

(C) Waste water reclamation facilities that will produce Project Water for the System for a period of time agreed to by the sponsoring Contractor;

(D) Water and facilities for delivering water purchased by the State for the System for a period of time agreed to by the sponsoring Contractor;

provided that the economic test specified herein shall be applied to the cost of these facilities together with the cost of the purchased water; and

(E) Future water conservation programs and facilities that will reduce demands by the sponsoring Contractor for Project Water from the System for a period of time agreed to by the sponsoring Contractor and will thereby have the effect of increasing Project Water available in the Delta for distribution.

(3) Whether a Local Project described in (2) above shall be considered economically competitive shall be determined by the State by comparing, in an engineering and economic analysis, such Local Project with alternative new water supply sources which are either reservoirs located north of the Delta or off-Aqueduct storage reservoirs located south or west of the Delta designed to supply water to the California Aqueduct. The analysis for such alternative new water supply sources shall use the average cost per acre-foot of yield in the latest studies made for such sources by the State and shall compare those facilities with the proposed Local Project using commonly accepted engineering economics. In the case of a Local Project to be funded in part by the State as part of the System and in part from other sources, the economic analysis specified herein shall be applied only to the portion to be funded by the State as part of the System.

(4) The Local Projects in (2) above shall not be constructed or implemented unless or until:

(A) The sponsoring Contractor signs a written agreement with the State which:

(i) Contains the sponsoring Contractor's approval of such facility or program;

(ii) Specifies the yield and the period of time during which the water from the Local Project shall constitute Project Water; and

(iii) Specifies the disposition of such Local Project or of the yield from such Local Project upon the expiration of such period of time.

(B) All Contractors within whose boundaries any portion of such Local Project is located, and who are not sponsoring Contractors for such Local Project give their written approval of such Local Project.

(5) "Sponsoring Contractor" as used in this Article 1(a) shall mean the Contractor or Contractors who either will receive the yield from facilities described in 2(A), (B), (C), or (D) above, or agree to reduce demands for Project Water from the System pursuant to 2(E) above.

(6) In the event of a shortage in water supply within the meaning of Article 18(a), the determination of whether to count, in whole or in part, the yield

from facilities described in 2(A), (B), (C), or (D) above, or the reduced demand from future conservation programs described in 2(E) above in the allocation of deficiencies among Contractors will be based on a project-by-project evaluation taking into consideration such factors as any limitation on the use of the water from such facilities and whether the sponsoring Contractor has access to Project Water from the Delta as an alternate to such facilities.

(b) **“Agricultural Use”** shall mean any use of water primarily in the production of plant crops or livestock for market, including any use incidental thereto for domestic or stock-watering purposes.

(c) **“Annual Table A Amount”** shall mean the amount of Project Water set forth in Table A of this Contract that the State, pursuant to the obligations of this contract and applicable law, makes available for delivery to the Agency at the delivery structures provided for the Agency. The term Annual Table A Amount shall not be interpreted to mean that in each year the State will be able to make that quantity of Project Water available to the Agency. The Annual Table A Amounts and the terms of this contract reflect an expectation that under certain conditions only a lesser amount, allocated in accordance with this contract, may be made available to the Agency. This recognition that full Annual Table A Amounts will not be deliverable under all conditions does not change the obligations of the State under this contract, including but not limited to, the obligations to make all reasonable efforts to complete the Project Facilities, to perfect and protect water rights, and to allocate among Contractors the supply available in any year, as set forth in Articles 6(b), 6(c), 16(b) and 18, in the manner and subject to the terms and conditions of those articles and this contract. Where the term “annual entitlement” appears elsewhere in this contract, it shall mean “Annual Table A Amount.” The State agrees that in future amendments to this and other Contractor’s contracts, in lieu of the term “annual entitlement,” the term “Annual Table A

Amount” will be used and will have the same meaning as “annual entitlement” wherever that term is used.

(d) **“Area of Origin Statutes”** shall mean Sections 10505 and 11460 through 11463 of the Water Code as now existing or hereafter amended.

(e) **“Article 51(e) Amounts”** shall mean the annual amounts determined pursuant to Article 51(e)(1).

(f) **“Billing Transition Date”** shall mean January 1 of the first calendar year starting at least six (6) months after the Contract Extension Amendment Effective Date.

(g) **“Burns-Porter Bond Act”** shall mean the California Water Resources Development Bond Act, comprising Chapter 8, commencing at Section 12930, of Part 6 of Division 6 of the Water Code, as enacted in Chapter 1762 of the Statutes of 1959.

(h) **“Capital Costs”** shall mean all costs Incurred subsequent to authorization of a facility for construction by the Legislature or by administrative action pursuant to Section 11290 of the Water Code and to the Burns-Porter Bond Act, including those so Incurred prior to the beginning of the Project Repayment Period as herein defined and any accrued unpaid interest charges thereon at the rates specified herein, which are properly chargeable to the construction of and the furnishing of equipment for the facilities of the System, including the costs of surveys, engineering studies, exploratory work, designs, preparation of construction plans and specifications, acquisition of lands, easements and rights-of-way, and relocation work, all as shown upon the official records of the Department of Water Resources.

(i) **“Carry-over Table A Water”** shall mean water from a Contractor’s Annual Table A Amount for a respective year, which is made available for delivery by the State in the next year pursuant to Article 12(e).

(j) **“Central Valley Project Act”** shall mean the Central Valley Act comprising Part 3, commencing at Section 11100, of Division 6 of the Water Code.

(k) **“Contract Extension Amendment”** shall mean the substantially similar amendments to the Contractors’ Water Supply Contracts that include, among other things, an extension of the term of the contract to December 31, 2085.

(l) **“Contract Extension Amendment Effective Date”** shall mean the date on which the Contract Extension Amendment becomes effective with regard to this contract. The State shall provide a written notice to the Agency specifying the Contract Extension Amendment Effective Date once the applicable conditions set out in the Contract Extension Amendment have been met.

(m) **“Contractor”** shall mean any entity that has executed, or is an assignee of, a contract of the type published in Department of Water Resources Bulletin No. 141, dated November 1965, with the State for a dependable supply of water made available by the System, except such water as is made available by the facilities specified in Section 12934(d)(6) of the Water Code, as such contracts have been amended from time to time.

(n) “**Delta**” shall mean the Sacramento-San Joaquin Delta as defined in Section 12220 of the Water Code on the date of approval of the Burns-Porter Bond Act by the voters of the State of California.

(o) “**East Branch Aqueduct**” shall mean that portion of the San Joaquin Valley-Southern California Aqueduct specified in Section 12934(d)(2) of the Water Code extending from the South Portal of the Tehachapi Tunnels to a terminus in the vicinity of Perris, Riverside County.

(p) “Economic Useful Life” shall mean the period during which the State expects to derive economic benefit from using an asset, as determined by the State.

(q) “**Financial Information System**” shall mean the system of record designated by the State as the authoritative source for the recording of all financial data values relating to the System.

(r) “Financing Costs” shall mean the following:

- (1) principal of and interest on Revenue Bonds,
- (2) debt service coverage required by the applicable bond resolution or indenture in relation to such principal and interest,
- (3) deposits to reserves required by the bond resolution or indenture in relation to such Revenue Bonds, and
- (4) premiums for insurance or other security obtained in relation to such Revenue Bonds.

(s) “Incurred” shall mean the following with respect to the timing of a cost:

- (1) Capital Costs and operation, maintenance, and power costs allocated irrespective of the amount of Project Water delivered to the Contractors are “Incurred” when the expenditure for the good, service or other consideration is recorded in the State’s financial information system, regardless of the date the good, service or other consideration is provided; and
- (2) operation, maintenance, and power costs allocated in an amount which is dependent upon and varies with the amount of Project Water delivered to the Contractors are “Incurred” when the good, service or other consideration is provided, regardless of when the expenditure for the good, service or other consideration is recorded in the financial information system.

(t) “**Initial Project Conservation Facilities**” shall mean the following Project Facilities specified in Section 12934(d) of the Water Code:

- (1) All those facilities specified in subparagraph (1) thereof.
- (2) Those facilities specified in subparagraph (3) thereof to the extent that they serve the purposes of water conservation in the Delta, water supply in the Delta, and transfer of water across the Delta.
- (3) A reservoir near Los Banos in Merced County as specified in subparagraph (2) thereof.

(4) The reach of the San Joaquin Valley-Southern California Aqueduct extending from the Delta to a reservoir near Los Banos in Merced County, to the extent required for water conservation through conveyance of water diverted from the Delta to offstream storage in such reservoir as determined by the State.

(5) Those facilities specified in subparagraph (5) thereof which are incidental to the facilities included under (1), (2), (3), and (4) above.

(6) Those facilities specified in subparagraph (7) thereof which are necessary and appurtenant to the facilities included under (1), (2), (3), (4), and (5) above.

(u) **“Interruptible Water”** shall mean Project Water available as determined by the State that is not needed for fulfilling Contractors’ Annual Table A Amount deliveries as set forth in their water delivery schedules furnished pursuant to Article 12 or for meeting project operational requirements, including storage goals for the current or following years.

(v) **“Manufacturing Use”** shall mean any use of water primarily in the production of finished goods for market.

(w) **“Maximum Annual Table A Amount”** shall mean the maximum annual amount set forth in Table A of this contract, and where the term “maximum annual entitlement” appears elsewhere in this contract it shall mean “Maximum Annual Table A Amount.”

(x) **“Minimum Project Yield”** shall mean the dependable annual supply of project water to be made available assuming completion of the initial project conservation facilities and additional project conservation facilities. The project’s capability of providing the Minimum Project Yield shall be determined by the State on the basis of coordinated operations studies of initial project conservation facilities and additional project conservation facilities, which studies shall be based upon factors including but not limited to:

(1) the estimated relative proportion of deliveries for agricultural use to deliveries for municipal use assuming Maximum Annual Table A Amounts for all Contractors and the characteristic distributions of demands for these two uses throughout the year; and

(2) agreements now in effect or as hereafter amended or supplemented between the State and the United States and others regarding the division of utilization of waters of the Delta or streams tributary thereto.

(y) **“Monterey Amendment”** shall mean the substantially similar amendments to Contractors’ Water Supply Contracts that included, among other provisions, the addition of Articles 51 through 56.

(z) **“Municipal Use”** shall mean all those uses of water common to the municipal water supply of a city, town, or other similar population group, including uses for domestic purposes, uses for the purposes of commerce, trade or industry, and any other use incidental thereto for any beneficial purpose.

(aa) **“Nonproject Water”** shall mean water made available for delivery to Contractors that is not Project Water as defined in Article 1(ah).

(ab) **“Project Facilities”** shall mean those facilities of the System which will, in whole or in part, serve the purposes of this contract by conserving water and making it available for use in and above the Delta and for export from the Delta and from such additional facilities as are defined in Article 1(a)(2), and by conveying water to the Agency. Such Project Facilities shall consist specifically of “Project Conservation Facilities” and “Project Transportation Facilities”, as hereinafter defined.

(ac) **“Project Conservation Facilities”** shall mean such Project Facilities as are presently included, or as may be added in the future, under 1(a) and 1(t).

(ad) **“Project Interest Rate”** shall mean the following:

(1) Prior to the Billing Transition Date, the weighted average interest rate on bonds, advances, or loans listed in this section to the extent the proceeds of any such bonds, advances, or loans are for construction of the State Water Facilities defined in Section 12934(d) of the Water Code, the additional project conservation facilities, and the supplemental conservation facilities (except off-aqueduct power facilities; water system facilities; advances for delivery structures, measuring devices and excess capacity; and East Branch Enlargement Facilities). The Project Interest Rate shall be calculated as a decimal fraction to five places by dividing (i) the total interest cost required to be paid or credited by the State during the life of the indebtedness or advance by (ii) the total of the products of the various principal amounts and the respective terms in years of all such amounts. The bonds, advances, or loans used in calculating the project interest rate shall be:

(A) General obligation bonds issued by the State under the Bond Act, except that any premium received on the sale of these bonds shall not be included in the calculation of the project interest rate,

(B) Revenue Bonds issued after May 1, 1969,

(C) Bonds issued by the State under any other authority granted by the Legislature or the voters,

(D) Bonds issued by any agency, district, political subdivision, public corporation, or nonprofit corporation of this State,

(E) Funds advanced by any Contractor without the actual incurring of bonded debt therefore, for which the net interest cost and terms shall be those which would have resulted if the Contractor had sold bonds for the purpose of funding the advance, as determined by the State,

(F) Funds borrowed from the General Fund or other funds in the Treasury of the State of California, for which the total interest cost shall be computed at the interest rate earned over the period of such borrowing by

moneys in the Surplus Money Investment Fund of such Treasury invested in securities, and

(G) Any other financing capability available in the Treasury of the State of California at whatever interest rate and other financing costs are provided in the law authorizing such borrowing. However, the use of other financing from the State Treasury is intended to involve only short term borrowing at interest rates and other financing costs no greater than those charged to other State agencies during the same period until such time as the Department can sell bonds and reimburse the source of the short term borrowing from the proceeds of the bond sale.

(2) On and after the Billing Transition Date, the Project Interest Rate shall be four and six hundred and ten thousandths percent (4.610%) per annum.

(ae) **“Project Repayment Period”** shall mean that period of years commencing on January 1, 1961, and extending until December 31, 2035.

(af) **“Project Revenues”** shall mean revenues derived from the service of Project Water to Contractors and others, and from the sale or other disposal of electrical energy generated in connection with operation of Project Facilities.

(ag) **“Project Transportation Facilities”** shall mean the following Project Facilities:

(1) All those facilities specified in subparagraph (2) of Section 12934(d) of the Water Code except: The reservoir near Los Banos in Merced County; the reach of the San Joaquin Valley-Southern California Aqueduct extending from the Delta to the reservoir near Los Banos in Merced County, to the extent required for water conservation as determined by the State; the North Bay Aqueduct extending to a terminal reservoir in Marin County; the South Bay Aqueduct extending to terminal reservoirs in the Counties of Alameda and Santa Clara; the Pacheco Pass Tunnel Aqueduct extending from a reservoir near Los Banos in Merced County to a terminus in Pacheco Creek in Santa Clara County; and the Coastal Aqueduct beginning on the San Joaquin Valley-Southern California Aqueduct in the vicinity of Avenal, Kings County, and extending to a terminus at the Santa Maria River.

(2) Facilities for the generation and transmission of electrical energy of the following types:

(A) Hydroelectric generating and transmission facilities, whose operation is dependent on the transportation of Project Water, or on releases to channels downstream of Project Facilities defined under (1) above. Such facilities shall be called “project aqueduct power recovery plants”, and

(B) All other generating and associated transmission facilities, except those dependent on water from Project Conservation Facilities, for the generation of power. These facilities shall be called “off-aqueduct power facilities” and shall consist of the State’s interest in the Reid-

Gardner and any other generating and associated transmission facilities, constructed or financed in whole or in part by the State, which are economically competitive with alternative power supply sources as determined by the State.

(3) Those facilities specified in subparagraph (7) of Section 12934(d) of the Water Code which are necessary and appurtenant to the facilities included under (1) and (2) above.

(ah) **“Project Water”** shall mean water made available for delivery to the Contractors by the Project Conservation Facilities and the Project Transportation Facilities included in the System.

(ai) **“Revenue Bonds”** shall mean the following types of instruments payable from the sources provided in the Central Valley Project Act: revenue bonds, notes, refunding bonds, refunding notes, bond anticipation notes, certificates of indebtedness, and other evidences of indebtedness.

(aj) **“Subject to Approval by the State”** shall mean subject to the determination and judgment of the State as to acceptability.

(ak) **“Supplemental Conservation Facilities”** shall mean those facilities provided for in Section 12938 of the Water Code which will serve the purpose of supplying water in addition to the Minimum Project Yield and for meeting local needs.

(al) **“Supplemental Water”** shall mean water made available by Supplemental Conservation Facilities, in excess of the Minimum Project Yield.

(am) **“System”** shall mean the State Water Resources Development System as defined in Section 12931 of the Water Code.

(an) **“System Revenue Account”** shall mean the special account created pursuant to Water Code Section 12937(b) into which are deposited all revenues derived from the sale, delivery or use of water or power and all other income or revenue, derived by the State, from the System, with the exception of revenue attributable to facilities financed with revenue bonds issued pursuant to the Central Valley Project Act (Water Code Section 11100 et seq.).

(ao) **“Water Supply Contract”** shall mean one of the contracts described in the definition of Contractor in Article 1(m).

(ap) **“Water System Facilities”** shall mean the following facilities to the extent that they are financed with Revenue Bonds or to the extent that other financing of such facilities is reimbursed with proceeds from Water System Facility Revenue Bonds:

- (1) The North Bay Aqueduct,
- (2) The Coastal Branch Aqueduct,
- (3) Delta Facilities, including Suisun Marsh facilities, to serve the purposes of water conservation in the Delta, water supply in the Delta, transfer of water across the Delta, and mitigation of the environmental effects of Project

Facilities, and to the extent presently authorized as project purposes, recreation and fish and wildlife enhancement,

(4) Local projects as defined in Article 1(a)(2) designed to develop no more than 25,000 acre-feet of project yield from each project,

(5) Land acquisition prior to December 31, 1995, for the Kern Fan Element of the Kern Water Bank,

(6) Additional pumps at the Banks Delta Pumping Plant,

(7) The transmission line from Midway to Wheeler Ridge Pumping Plant,

(8) Repairs, additions, and betterments to Project Facilities,

(9) A Project Facilities corporation yard,

(10) A Project Facilities operation center, and

(11) Capital projects which are approved in writing by the State and eighty (80) percent of the affected Contractors as "Water System Facilities", *provided* that the approving Contractors' Table A amounts exceed eighty (80) percent of the Table A amounts representing all affected Contractors and *provided further* that "affected Contractors" for purposes of this subdivision (11) shall mean those Contractors which would be obligated to pay a share of the debt service on Revenue Bonds issued to finance such project.

(aq) "**Water System Facility Revenue Bonds**" shall mean Revenue Bonds issued after January 1, 1987 for Water System Facilities identified in Article 1(ap).

(ar) "**West Branch Aqueduct**" shall mean that portion of the San Joaquin Valley-Southern California Aqueduct specified in Section 12934(d)(2) of the Water Code extending from the South Portal of the Tehachapi Tunnels to a terminus in the vicinity of Newhall, Los Angeles County.

(as) "**Year**" shall mean the 12-month period from January 1 through December 31, both dates inclusive.

(at) "**Year of Initial Water Delivery**" shall mean the year when Project Water will first be available for delivery to a Contractor pursuant to its contract with the State.

2. TERM OF CONTRACT.

This contract shall become effective on the date first above written and shall remain in effect for the longer of the following:

1. December 31, 2085, or
2. The period ending with the latest maturity date of any bond issue used to finance the construction costs of Project Facilities.

22. DELTA WATER CHARGE

The payments to be made by each Contractor shall include an annual charge designated as the Delta Water Charge, which shall be separately calculated and stated for costs Incurred prior to the Billing Transition Date and costs Incurred on or after the Billing Transition Date.

(a) Delta Water Charge for Costs Incurred Prior to the Billing Transition Date. The provisions of this subdivision (a) shall apply only to costs Incurred prior to the Billing Transition Date.

(1) *Recovery of Costs of Project Conservation Facilities.* The Delta Water Charge for costs Incurred prior to the Billing Transition Date, together with the total revenues derived prior to the Billing Transition Date from the sale or other disposal of electrical energy generated in connection with operation of Project Conservation Facilities, shall return to the State during the Project Repayment Period all costs of the Project Conservation Facilities Incurred prior to the Billing Transition Date, including capital, operation, maintenance, power, and replacement costs, which are allocated to the purpose of water conservation in, above, and below the Delta pursuant to subdivisions (c)(1) through (c)(3) of this article.

(2) *Components of Charge.* For each Contractor receiving Project Water in any year through December 31, 1969, the Delta Water Charge shall be the product of \$3.50 and the Contractor's Annual Table A Amount for the respective year. For each Contractor receiving Project Water in the year 1970, the Delta Water Charge shall be the product of \$6.65 and the Contractor's Annual Table A Amount for that year. The \$6.65 rate for the year 1970 shall consist of a capital component of \$5.04 and a minimum operation, maintenance, power and replacement component of \$1.61. For each Contractor receiving Project Water in the year 1971, the Delta Water Charge shall be the product of \$7.24 and the Contractor's Annual Table A Amount for that year. The \$7.24 rate for the year 1971 shall consist of a capital component of \$5.44 and a minimum operation, maintenance, power and replacement component of \$1.80.

After December 31, 1971, the Delta Water Charge for costs Incurred prior to the Billing Transition Date shall consist and be the sum of the following components as these are computed in accordance with subdivisions (a)(3) and (a)(4) of this article: a capital component; a minimum operation, maintenance, power and replacement component; and a variable operation, maintenance, power and replacement component.

(3) *Charge Components Expressed as Rates.* The Capital Cost, the minimum operation, maintenance, power, and replacement, and the variable operation, maintenance, power, and replacement components of the Delta Water Charge for costs Incurred prior to the Billing Transition Date, together with that portion of the revenues derived prior to the Billing Transition Date from the sale or other disposal of electrical energy generated in connection with operation of Project Conservation Facilities which is allocated by the State to repayment of

the respective category of costs, shall return to the State during the Project Repayment Period, respectively, the following categories of the costs allocated to the purpose of water conservation in, above, and below the Delta pursuant to subdivisions (c)(1) through (c)(3) of this article:

(A) Capital Costs;

(B) operation, maintenance, power, and replacement costs Incurred irrespective of the amount of Project Water delivered to the Contractors;
and

(C) operation, maintenance, power, and replacement costs Incurred in an amount which is dependent upon and varies with the amount of Project Water delivered to the Contractors;

provided that each of the above categories of costs shall be inclusive of the appropriate costs properly chargeable to the generation and transmission of electrical energy in connection with operation of Project Conservation Facilities. Each component of the Delta Water Charge for costs Incurred prior to the Billing Transition Date shall be computed on the basis of a rate which, when charged during the Project Repayment Period for each acre-foot of the sum of the yearly totals of Annual Table A Amounts of all Contractors, will be sufficient, together with that portion of the revenues derived prior to the Billing Transition Date from the sale or other disposal of electrical energy generated in connection with operation of Project Conservation Facilities which is allocated by the State to repayment of the respective category of costs, to return to the State during the Project Repayment Period all costs included in the respective category of costs covered by that component. Each such rate shall be computed in accordance with the following formula:

$$\frac{(c_1 - r_1)(1 + i)^{-1} + (c_2 - r_2)(1 + i)^{-2} + \dots + (c_n - r_n)(1 + i)^{-n}}{e_1(1 + i)^{-1} + e_2(1 + i)^{-2} + \dots + e_n(1 + i)^{-n}}$$

Where:

i = The Project Interest Rate.

c = The total costs included in the respective category of costs and Incurred during the respective year of the Project Repayment Period (prior to the Billing Transition Date).

r = That portion of the revenues derived from the sale or other disposal of electrical energy allocated by the State to repayment of the costs included in the respective category and Incurred during the respective year of the Project Repayment Period (prior to the Billing Transition Date).

1, 2, and n
appearing
below

c and r = The respective year of the Project Repayment Period during which the

costs included in the respective category are Incurred, n being the last year of the Project Repayment Period.

- e = With respect to the Capital Cost and minimum operation, maintenance, power, and replacement components, the total of Annual Table A Amounts of all Contractors for the respective year of the Project Repayment Period.
- e = With respect to the variable operation, maintenance, power, and replacement component, the total of the amounts of Project Water delivered to all Contractors for the respective year of the expired portion of the Project Repayment Period, together with the total of Annual Table A Amounts of all Contractors for the respective year of the unexpired portion of the Project Repayment Period.

1, 2, and n
appearing

below e = The respective year of the Project Repayment Period in which the Annual Table A Amounts or Project Water deliveries occur, n being the last year of the Project Repayment Period.

of
 n used
as an

exponent = The number of years in the Project Repayment Period.

(4) *Determination of Charge Components.* The Capital Cost and minimum operation, maintenance, power, and replacement components of the Delta Water Charge for costs Incurred prior to the Billing Transition Date shall be the product of the appropriate rate computed under subdivision (a)(3) of this article and the Contractor's Annual Table A Amount for the respective year. The variable operation, maintenance, and power component of the charge shall be the product of the appropriate rate computed under subdivision (a)(3) of this article and the number of acre-feet of Project Water delivered to the Contractor during the respective year; *provided*, that when Project Water has been requested by a Contractor and delivery thereof has been commenced by the State, and, through no fault of the State, such water is wasted as a result of failure or refusal by the Contractor to accept delivery thereof, such variable component during such period shall be the product of such rate per acre-foot and the sum of the number of acre-feet of Project Water delivered to the Contractor and the number of acre-feet wasted.

(5) *Redetermination of Rates.* The rates to be used in determining the components of the Delta Water Charge pursuant to subdivision (a)(4) of this article and to become effective on January 1, 1970, shall be computed by the State in accordance with subdivision (a)(3) of this article prior to that date. Such computation shall include an adjustment which shall account for the difference, if

any, between revenues received by the State under the Delta Water Charge prior to January 1, 1970, and revenues which would have been received under the charge prior to that date had it been computed and charged in accordance with subdivisions (a)(3) and (4) of this article. Upon such computation, a document establishing such rates shall be prepared by the State and attached to this contract as an amendment of this article. The State shall recompute such rates each year thereafter, and each such recomputation shall take account of and reflect increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State Incurred to construct the Project Conservation Facilities described in subdivisions (c)(1) through (c)(3) of this article, Annual Table A Amounts, deliveries of Project Water, Project Interest Rate, revenues from the sale or other disposal of electrical energy, and all other factors which are determinative of such rates. In addition, each such recomputation shall include an adjustment of the rates for succeeding years which shall account for the differences, if any, between projections of costs used by the State in determining such rates for all preceding years, and actual costs Incurred by the State during such years. Upon each such recomputation, an appropriately revised copy of the document establishing such rates shall be prepared by the State and attached to this contract as an amendment of this article.

(6) *Water System Facility Revenue Bond Charges.* Notwithstanding provisions of Article 22(a)(1) through (5), the capital and the minimum operation, maintenance, power and replacement component of the Delta Water Charge for costs Incurred prior to the Billing Transition Date shall include an annual charge to recover the Agency's share of the portion of the Water System Facility Revenue Bond Financing Costs allocable to Project Conservation Facilities for Capital Costs Incurred prior to the Billing Transition Date. Charges to the Agency for these costs shall be calculated in accordance with Article 50(a).

(b) Delta Water Charge for Costs Incurred On or After the Billing Transition Date. The provisions of this subdivision (b) of this article shall apply only to costs Incurred on or after the Billing Transition Date.

(1) *Components of the Delta Water Charge for Costs Incurred On or After the Billing Transition Date.* The Delta Water Charge for costs Incurred on or after the Billing Transition Date shall consist of the following components as these are computed in accordance with subdivisions (b)(2) through (b)(4) of this article:

(A) Capital component,

(B) Minimum operation, maintenance, power, and replacement component, and

(C) Variable operation, maintenance, and power component.

(2) *Determination of Charge Components.* These three components of the Delta Water Charge for each calendar year, together with that portion of the revenues derived during such calendar year from the sale or other disposal of electrical energy generated in connection with operation of Project Conservation

Facilities which is allocated by the State to repayment of the respective category of costs, shall return to the State during such calendar year the following categories, respectively, of the costs allocated pursuant to subdivisions (c)(1) through (c)(3) of this article to the purpose of water conservation in, above, and below the Delta.

(A) the capital component consisting of Capital Costs of Project Conservation Facilities to be recovered during such calendar year as and to the extent provided in subdivision (b)(3) of this article,

(B) the minimum operation, maintenance, power, and replacement component consisting of operation, maintenance, power, replacement costs of Project Conservation Facilities Incurred during such calendar year irrespective of the amount of Project Water delivered to the Contractors, and

(C) the variable operation, maintenance, and power component consisting of operation, maintenance, and power costs of Project Conservation Facilities Incurred during such calendar year in an amount which is dependent upon and varies with the amount of Project Water delivered to the Contractors;

provided that each of the above categories of costs shall be inclusive of the appropriate costs properly chargeable to the generation and transmission of electrical energy in connection with operation of Project Conservation Facilities; and *provided further* that revenues generated in connection with the sale or other disposal of electrical energy generated in connection with operation of Project Conservation Facilities shall not reduce or be credited against charges pursuant to subdivision (b)(3)(D)(i) of this article (charges for Water System Facility Revenue Bond Financing Costs).

(3) *Categories of Capital Costs.*

(A) The amount of the capital component of the Delta Water Charge shall be determined in three steps as follows:

(i) first, an allocation to the Agency of Capital Costs of Project Conservation Facilities as provided in subdivisions (c)(1) through (c)(3) of this article,

(ii) second, a determination of the type and source of payment of each Capital Cost in accordance with subdivision (b)(3)(B) of this article, and

(iii) third, a computation of the annual payment to be made by the Agency as provided in subdivision (b)(3)(C) and (b)(3)(D) of this article.

(B) Annual Capital Costs of Project Conservation Facilities shall be divided into five categories of type and source of payment:

- (i) Project Conservation Facility Capital Costs paid with the proceeds of Water System Facility Revenue Bonds,
- (ii) Project Conservation Facility Capital Costs to be paid with the proceeds of Bonds issued under the Burns-Porter Bond Act,
- (iii) Project Conservation Facility Capital Costs to be paid with amounts in the SWRDS Reinvestment Account,
- (iv) Project Conservation Facility Capital Costs to be paid annually for assets that will have a short Economic Useful Life or the costs of which are not substantial, and
- (v) Project Conservation Facility Capital Costs prepaid by the Agency.

(C) The projected amounts of Project Conservation Facility Capital Costs in each such category to be allocated annually to the Agency shall be determined by the State in accordance with the cost allocation principles and procedures set forth in subdivision (c)(1) through (c)(3) and (b)(6) of this article, which principles and procedures shall be controlling as to allocations of Capital Costs to the Agency; *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28. Such projected amounts will be set forth in Table B by the State.

**TABLE B
PROJECTED ALLOCATIONS TO
CRESTLINE-LAKE ARROWHEAD WATER AGENCY
OF PROJECT CONSERVATION FACILITY CAPITAL COSTS INCURRED ON OR
AFTER THE BILLING TRANSITION DATE**

Year	Projected Allocations in Thousands of Dollars				
	Costs to be Paid with Proceeds of Water System Facility Revenue Bonds	Costs to be Paid with the Proceeds of Bonds issued under the Burns-Porter Bond Act	Costs to be Paid with Amounts in the SWRDS Reinvestment Account	Costs to be Paid Annually for Assets That Will Have a Short Economic Useful Life or the Costs of which are Not Substantial	Costs Prepaid by the Agency
1*					
2					
3					

* Year commencing with the Billing Transition Date.

(D) The annual amount to be paid by the Agency under the capital component of the Delta Water Charge for each calendar year for costs Incurred on or after the Billing Transition Date shall consist of the following categories:

(i) Water System Facility Revenue Bonds: a charge determined in accordance with Article 50(b) to recover Water System Facility Revenue Bond Financing Costs Incurred during such calendar year that relate to the financing of Project Conservation Facilities,

(ii) Burns-Porter Act Bonds: a charge to recover the amount to be paid by the State of California during such calendar year in accordance with the Burns-Porter Bond Act for the principal of and interest on bonds issued under the Burns-Porter Bond Act on or after the Billing Transition Date for Project Conservation Facility Capital Costs,

(iii) SWRDS Reinvestment Account: a charge determined in accordance with subdivision (b)(5) of Article 61 to amortize Project Conservation Facility Capital Costs Incurred during prior calendar

years (but not prior to the Billing Transition Date) that have been paid with amounts from the SWRDS Reinvestment Account, and

(iv) Capital Assets with Short Economic Life or Costs of which are Not Substantial: a charge to recover the Capital Costs to be Incurred during such calendar year of Project Conservation Facility assets with a short Economic Useful Life or the costs of which are not substantial as determined by the State and any such Capital Costs Incurred but not charged in the prior two calendar years.

(E) The projected amounts of each category of charges to be paid annually by the Agency under this capital component shall be determined by the State in accordance with the cost allocation principles and procedures set forth in this subdivision (b), which principles and procedures shall be controlling as to allocations of types of capital component charges to the Agency; *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28. Such amounts are projected to be as set forth in Table C by the State.

**TABLE C
PROJECTED CHARGES TO
CRESTLINE-LAKE ARROWHEAD WATER AGENCY
UNDER THE CAPITAL COMPONENT OF THE DELTA WATER CHARGE FOR
COSTS INCURRED ON OR AFTER THE BILLING TRANSITION DATE**

Year	Projected Charges in Thousands of Dollars			
	Costs to be Paid with Proceeds of Water System Facility Revenue Bonds	Costs to be Paid with the Proceeds of Bonds issued under the Burns-Porter Bond Act	Costs to be Paid with Amounts in the SWRDS Reinvestment Account	Costs to be Paid Annually for Assets That Will Have a Short Economic Useful Life or the Costs of which are Not Substantial
1*				
2				
3				

* Year commencing with the Billing Transition Date.

(4) *Minimum Operation, Maintenance, Power and Replacement Charge – Determination; Repayment Table.*

The amount to be paid each year by the Agency under the minimum operation, maintenance, power, and replacement component of the Delta Water Charge shall be determined by the State in accordance with the cost allocation principles and procedures set forth in subdivision (b)(6)(A) of this article; *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28. Such amounts are projected to be as set forth in Table D by the State.

TABLE D
DELTA WATER CHARGE -- ESTIMATED MINIMUM OPERATION, MAINTENANCE,
POWER AND REPLACEMENT COMPONENT FOR COSTS INCURRED ON OR
AFTER THE BILLING TRANSITION DATE
CRESTLINE-LAKE ARROWHEAD WATER AGENCY

Year	Total Annual Payment by Agency
1*	
2	
3	
4	

* Year commencing with the Billing Transition Date.

(5) *Variable Operation, Maintenance and Power Charge–
Determination; Repayment Table.*

The amount to be paid each year by the Agency under the variable operation, maintenance and power component of the Delta Water Charge shall be determined by the State in accordance with the cost allocation principles and procedures set forth in subdivision (b)(6)(B) of this article; *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28. Such amounts are projected to be as set forth in Table E by the State.

TABLE E
DELTA WATER CHARGE -- ESTIMATED VARIABLE OPERATION, MAINTENANCE
AND POWER COMPONENT FOR COSTS INCURRED ON OR AFTER THE BILLING
TRANSITION DATE
CRESTLINE-LAKE ARROWHEAD WATER AGENCY

Year	Total Annual Payment by Agency
1*	
2	
3	
4	

* Year commencing with the Billing Transition Date.

(6) *Allocation of Charges to the Agency.*

(A) The capital and minimum operation, maintenance, and power components of the Delta Water Charge for each calendar year for costs Incurred on or after the Billing Transition Date shall be allocated to the Agency in proportion to the ratio of the Agency's Annual Table A Amount for such calendar year to the total of the Annual Table A Amounts for all Contractors for such calendar year.

(B) The variable operation, maintenance, and power component of the Delta Water Charge for each calendar year for costs Incurred on or after the Billing Transition Date shall be allocated to the Agency in proportion to the ratio of the number of acre-feet of Project Water delivered to the Agency during such calendar year to the number of acre-feet of Project Water delivered to all Contractors during such calendar year; *provided* that when Project Water has been requested by a Contractor and delivery thereof has been commenced by the State, and, through no fault of the State, such water is wasted as a result of failure or refusal by the Contractor to accept delivery thereof, such variable component during such period shall be calculated as if the number of acre-feet wasted had been delivered.

(7) *Delta Water Charge -- Repayment Schedule.*

The amounts to be paid by the Agency for each year on or after the Billing Transition Date under the Capital Cost component, minimum operation, maintenance, power and replacement component and the variable operation, maintenance, and power component of the Delta Water Charge shall be set forth by the State in Table F, which Table F shall constitute a summation of Tables C, D, and E; *provided* that each of the amounts set forth in Table F shall be subject to redetermination by the State in accordance with Article 28; *provided further* that the principles and procedures set forth in this Article 22 shall be controlling as to such amounts. Such amounts shall be paid by the Agency in accordance with the provisions of Article 29.

**TABLE F
REPAYMENT SCHEDULE -- DELTA WATER CHARGE FOR COSTS INCURRED ON
OR AFTER THE BILLING TRANSITION DATE
CRESTLINE-LAKE ARROWHEAD WATER AGENCY**

Year	Capital Cost Component	Minimum Component	Variable Component	Total
1*				
2				
3				
4				

* Year commencing with the Billing Transition Date.

(c) **Provisions Applicable to the Delta Water Charge for Costs Incurred Both Before and On or After the Billing Transition Date.** The provisions of this subdivision (c) shall be applicable to costs Incurred both prior to and on or after the Billing Transition Date.

(1) *Allocation of Costs to Project Purposes.*

(A) Prior to the time that Additional Project Conservation Facilities or Supplemental Conservation Facilities are constructed, the Delta Water Charge shall be determined on the basis of an allocation to project purposes, by the separable cost-remaining benefits method, of all actual and projected costs of all those Initial Project Conservation Facilities located in and above the Delta, and upon an allocation to the purposes of water conservation and water transportation, by the proportionate use of facilities method, of all actual and projected costs of the following Project Facilities located below the Delta: The aqueduct intake facilities at the Delta, Pumping Plant I (Harvey O. Banks Delta Pumping Plant), the aqueduct from the Delta to San Luis Forebay (O'Neill Forebay), San Luis Forebay (O'Neill Forebay), and San Luis Reservoir: *provided*, that all of the actual and projected costs properly chargeable to the generation and transmission of electrical energy in connection with operation of Project Conservation Facilities shall be allocated to the purpose of water conservation in, above, and below the Delta; *provided further*, that allocations to purposes the cost of which are to be paid by the United States shall be as determined by the United States.

(B) Wherever reference is made, in connection with the computation, determination, or payment of the Delta Water Charge, to the costs of any facility or facilities included in the System, such reference shall be only to those costs of such facility or facilities that are reimbursable by the Contractors as determined by the State.

(C) The State, in fixing and establishing prices, rates, and charges for water and power, shall include as a reimbursable cost of any state water project an amount sufficient to repay all costs incurred by the State, directly or by contract with other agencies, for the preservation of fish and wildlife and determined to be allocable to the costs of the project works constructed for the development of that water and power, or either. Costs incurred for the enhancement of fish and wildlife or for the development of public recreation shall not be included in the prices, rates, and charges for water and power, and shall be nonreimbursable costs. Such recreational purposes include, but are not limited to, those recreational pursuits generally associated with the out-of-doors, such as camping, picnicking, fishing, hunting, water contact sports, boating, and sightseeing, and the associated facilities of campgrounds, picnic areas, water and sanitary facilities, parking areas, viewpoints, boat launching ramps, and any others necessary to make project land and water areas available for use by the public. In administering this Contract “development of public recreation” shall include recreation capital and operation and maintenance.

(2) *Additional Conservation Facilities.* Commencing in the year in which the State first awards a major construction contract for construction of a major feature of Additional Project Conservation Facilities, or first commences payments under a contract with a federal agency in the event a major feature of Additional Project Conservation Facilities is constructed by such federal agency under an agreement requiring the State to pay all or part of the costs of such construction, the Delta Water Charge shall be determined on the basis of the foregoing allocations and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to the foregoing provisos, of all projected costs of such feature of the Additional Project Conservation Facilities; *provided*, that if the agreement with such federal agency allows repayment of costs of a portion of a facility to be deferred, the associated costs of such portion shall be excluded from the Delta Water Charge computations until repayment of such deferred costs or interest thereon is commenced by the State; *provided, further*, that all costs of Additional Project Conservation Facilities Incurred prior to the award of a major construction contract, shall be included in the Delta Water Charge computations in the year in which they are Incurred.

(3) *Supplemental Conservation Facilities.* Upon the construction of the Supplemental Conservation Facilities, the Delta Water Charge shall be paid by all Contractors for Supplemental Water, as well as by Contractors for Project Water, and, together with revenues derived from the sale or other disposal of electrical energy generated in connection with operation of Project Conservation Facilities and Supplemental Conservation Facilities, shall return to the State, in addition to those costs of the Project Conservation Facilities allocated to the purpose of water conservation, in, above, and below the Delta pursuant to subdivision (c)(1) of this article, all costs of such Supplemental Conservation

Facilities, including capital, operation, maintenance, power, and replacement costs which are allocated to the purpose of water conservation, in, above, and below the Delta pursuant hereto. Commencing in the year in which the State first awards a major construction contract for construction of a major feature of any Supplemental Conservation Facilities, or first commences payments under a contract with a federal agency in the event a major feature of Supplemental Conservation Facilities is constructed by such federal agency under an agreement requiring the State to pay all or part of the costs of such construction, the Delta Water Charge shall be determined on the basis of the allocations made pursuant to subdivision (c)(1) of this article, and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to provisos corresponding to those contained in such subdivision (c)(1), of all projected costs of such feature of the Supplemental Conservation Facilities. Commencing in the same year, the computation of the rates to be used in determining the components of the Delta Water Charge shall include the Annual Table A Amounts under all contracts for Supplemental Water. If the repayment period of any bonds sold to construct Supplemental Conservation Facilities or the repayment period under any agreement with a federal agency for repayment of the costs of Supplemental Conservation Facilities constructed by such federal agency extends beyond the repayment period of the contract, the Delta Water Charge shall be determined and redetermined on the basis of such extended repayment period as the State determines to be appropriate; *provided*, that if the agreement with such federal agency allows repayment of costs of a portion of a facility to be deferred, the associated costs of such portion shall be excluded from the Delta Water Charge computations until repayment of such deferred costs or interest thereon is commenced by the State.

(4) *Local Projects.* The determination of the Delta Water Charge shall be made by including the appropriate costs and quantities of water, calculated in accordance with subdivisions (a) and (b) above, for all Additional Project Conservation Facilities as defined in Article 1(a). In the event a Local Project as defined in Article 1(a)(2) will, pursuant to written agreement between the State and the sponsoring Contractor, be considered and treated as an Additional Project Conservation Facility for less than the estimated life of the facility, the Delta Water Charge will be determined on the basis of that portion of the appropriate cost and water supply associated with such facility as the period of time during which such facility shall be considered as an Additional Project Conservation Facility bears to the estimated life of such facility. No costs for the construction or implementation of any Local Project are to be included in the Delta Water Charge unless and until the written agreement required by Article 1(a) has been entered into.

(5) *Water Purchased By the State.* In calculating the Delta Water Charge under subdivisions (a) and (b) of this article, the component for operation, maintenance, power and replacement costs shall include, but not be limited to, all costs to the State Incurred in purchasing water, which is competitive

with alternative sources as determined by the State, for delivery as Project Water.

(6) *Replacement Cost Treatment.* Replacement costs of Project Conservation Facilities shall be treated as either Capital Costs or as minimum operation, maintenance, power, and replacement costs, as determined by the State considering the Economic Useful Life of the asset being replaced and other relevant factors.

23. TRANSPORTATION CHARGE.

The payments to be made by each Contractor shall include an annual charge designated as the Transportation Charge, which shall be separately stated and calculated for costs Incurred prior to the Billing Transition Date and costs Incurred on or after the Billing Transition Date.

(a) Transportation Charge for Costs Incurred Prior to the Billing Transition Date. The provisions of this subdivision (a) and Articles 24(a) and (c), 25 and 26 shall apply to costs Incurred prior to the Billing Transition Date.

(1) *Recovery of Costs of Project Transportation Facilities.* The Transportation Charge for costs Incurred prior to the Billing Transition Date shall return to the State during the Project Repayment Period such costs of all Project Transportation Facilities necessary to deliver Project Water to the Contractor and which are allocated to the Contractor in accordance with the cost allocation principles and procedures hereinafter set forth.

(2) *Components of Transportation Charge for Costs Incurred Prior to the Billing Transition Date.* The Transportation Charge for costs Incurred Prior to the Billing Transition Date shall consist of a capital component; a minimum operation, maintenance, power, and replacement component; and a variable operation, maintenance and power component, as these components are defined in and determined under Articles 24(a) and (c), 25, and 26, respectively.

(b) Transportation Charge for Costs Incurred On or After the Billing Transition Date. The provisions of this subdivision (b) and Articles 24(b) and (c), 25 and 26 shall apply to costs Incurred on or after the Billing Transition Date.

(1) *Recovery of Costs of Project Transportation Facilities.* The Transportation Charge for costs Incurred on or after the Billing Transition Date shall return to the State during each such calendar year all costs which are Incurred on or after the Billing Transition Date of all Project Transportation Facilities necessary to deliver Project Water to the Agency and which are allocated to the Agency in accordance with the cost allocation principles and procedures hereinafter set forth.

(2) *Components of Transportation Charge.* The Transportation Charge for costs Incurred on or after the Billing Transition Date shall consist of a capital component; a minimum operation, maintenance, and power component; and a variable operation, maintenance, and power component, as these components are defined in and determined under Articles 24(b) and (c), 25, and 26,

respectively.

(c) Segregation of Aqueduct Reaches for All Transportation Charge Purposes. For the purpose of allocations of costs among Contractors pursuant to subdivisions (a) and (b) of this article, and Articles 24, 25 and 26, the Project Transportation Facilities shall be segregated into such aqueduct reaches as are determined by the State to be necessary for such allocations of costs. Subject to such modifications as are determined by the State to be required by reason of any request furnished by the Agency to the State pursuant to Article 17(a) of this contract, or by reason of contracts entered into by the State with other Contractors, the aqueduct reaches of the Project Transportation Facilities, a portion of the costs of which may be allocated to the Agency, are established as provided in Table G; *provided* that those costs of the aqueduct reaches from the Delta through the outlet of San Luis Reservoir which are allocated to the purpose of water conservation in, above, and below the Delta for the purpose of determining the Delta Water Charge, as hereinbefore set forth, shall not be included in the Transportation Charge.

**TABLE G
PROJECT TRANSPORTATION FACILITIES NECESSARY TO DELIVER WATER TO
CRESTLINE-LAKE ARROWHEAD WATER AGENCY**

Aqueduct Reach	Major Features of Reach
Delta to Discharge Delta Pumping Plant:	Intake Channel Fish Protective Facilities Delta Pumping Plant (Pumping Plant I)
Discharge Delta Pumping Plant to San Luis Forebay:	Aqueduct
San Luis Forebay:	San Luis Forebay and Forebay Dam
San Luis Forebay to Kettleman City:	Aqueduct Mile 18 Pumping Plant
Kettleman City to Avenal Gap:	Aqueduct
Avenal Gap to Buena Vista Pumping Plant:	Aqueduct
Buena Vista Pumping Plant Wheeler Ridge Pumping Plant I:	Buena Vista Pumping Plant Aqueduct
Wheeler Ridge Pumping Plant I to Tehachapi Pumping Plant:	Wheeler Ridge Pumping Plant I Wheeler Ridge Pumping Plant II Aqueduct
Tehachapi Pumping Plant to South Portal Tehachapi Tunnels:	Tehachapi Pumping Plant (Pumping Plant VI) Tehachapi Tunnels
South Portal Tehachapi Tunnels to Junction, East and West Branches:	Cottonwood Power Plant Aqueduct
EAST BRANCH	
Junction, East and West Branches to Little Rock Creek:	Aqueduct
Little Rock Creek to West Fork Mojave River:	Pearblossom Pumping Plant Aqueduct

(This table was labeled Table I in original contract provisions)

(d) Provisions Applicable to the Transportation Charge for Costs Incurred Both Before and On or After the Billing Transition Date.

(1) Wherever reference is made, in connection with the computation, determination, or payment of the Transportation Charge, to the allocation or payment of costs of any facility or facilities included in the System, such reference shall be only to those costs of such facility or facilities which are reimbursable by the Contractors as determined by the State.

(2) The State, in fixing and establishing prices, rates, and charges for water and power, shall include as a reimbursable cost of any state water project an amount sufficient to repay all costs incurred by the State, directly or by contract with other agencies, for the preservation of fish and wildlife and determined to be allocable to the costs of the project works constructed for the development of that water and power, or either. Costs incurred for the enhancement of fish and wildlife or for the development of public recreation shall not be included in the prices, rates, and charges for water and power, and shall be nonreimbursable costs. Such recreational purposes include, but are not limited to, those recreational pursuits generally associated with the out-of-doors, such as camping, picnicking, fishing, hunting, water contact sports, boating, and sightseeing, and the associated facilities of campgrounds, picnic areas, water and sanitary facilities, parking areas, viewpoints, boat launching ramps, and any others necessary to make project land and water areas available for use by the public. In administering this Contract "development of public recreation" shall include recreation capital and operation and maintenance.

24. TRANSPORTATION CHARGE—CAPITAL COMPONENTS.

(a) Transportation Charge Capital Component for Costs Incurred Prior to the Billing Transition Date. The provisions of this subdivision (a) shall apply only to Capital Costs Incurred prior to the Billing Transition Date.

(1) *Recovery of Capital Costs of Project Transportation Facilities Incurred Prior to the Billing Transition Date.* The amount of the capital component of the Transportation Charge for Capital Costs Incurred prior to the Billing Transition Date shall be determined in two steps as follows:

(A) first, an allocation of such costs to the Contractor in accordance with subdivision (a)(2) of this article, and

(B) second, a computation of annual payments to be made by the Contractor of such allocated costs and interest thereon, computed at the Project Interest Rate in accordance with subdivision (a)(3) of this article.

(2) *Allocation of Capital Costs of Project Transportation Facilities Incurred Prior to the Billing Transition Date.* The total amount of Capital Costs Incurred prior to the Billing Transition Date of each aqueduct reach to be returned to the State shall be allocated among all Contractors entitled to delivery of Project Water from or through such reach by the proportionate use of facilities

method of cost allocation and in accordance with Article 23(c) and subdivision (c)(1) of this article.

The projected amounts of Capital Costs to be allocated annually to the Agency under the capital component of the Transportation Charge shall be determined by the State in accordance with the cost allocation principles and procedures set forth in this subdivision (a) and subdivision (c)(1) of this article, which principles and procedures shall be controlling as to allocations of Capital Costs to the Agency. Such amounts will be set forth in Table H by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of Project Water to the Agency, pursuant to Article 17(a), *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28.

**TABLE H
PROJECTED ALLOCATIONS OF CAPITAL COSTS INCURRED PRIOR TO THE
BILLING TRANSITION DATE OF
PROJECT TRANSPORTATION FACILITIES TO
CRESTLINE-LAKE ARROWHEAD WATER AGENCY**

Year	Projected Allocation in Thousands of Dollars
1*	
2	
3	
4	

* Year in which State commences construction of Project Transportation Facilities.

(This table was labeled Table C in original contract provisions)

(3) *Determination of Capital Component of Transportation Charge for Costs Incurred Prior to the Billing Transition Date.* The Agency's annual payment of its allocated Capital Costs Incurred prior to the Billing Transition Date and interest thereon, computed at the Project Interest Rate and compounded annually, shall be determined in accordance with a repayment schedule established by the State and determined in accordance with the principles set forth in (A), (B), and (C) below, which principles shall be controlling as to the Agency's payment of its allocated Capital Costs. The Agency's repayment schedule will be set forth in Table I by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of Project Water to the Agency, pursuant to Article 17(a); *provided* that the amounts set forth in Table I shall be subject to redetermination by the State, pursuant to Article 28.

(A) The Agency's annual payment shall be the sum of the amounts due from the Agency on the Agency's allocated Capital Costs for

the then current year and for each previous year where each such amount will pay, in not more than fifty (50) equal annual installments of principal and interest, the Agency’s allocated Capital Costs for the respective year and interest thereon, computed at the Project Interest Rate and compounded annually.

(B) The Agency may make payments at a more rapid rate if approved by the State.

(C) Such annual Transportation Charge payments shall cease when all allocated Capital Costs and interest thereon, computed at the Project Interest Rate and compounded annually, are repaid.

TABLE I
TRANSPORTATION CHARGE FOR COSTS INCURRED PRIOR TO THE BILLING
TRANSITION DATE -- CAPITAL COST COMPONENT
CRESTLINE-LAKE ARROWHEAD WATER AGENCY
(In Thousands of Dollars)

Year	Annual Payment of Principal	Annual Interest Payment	Total Annual Payment by Agency
1*			
2**			
3			
4			

* Year in which State commences construction of Project Transportation Facilities.

** Year of first payment.

(This table was labeled Table D in original contract provisions)

(4) Notwithstanding provisions of subdivisions 24(a)(1) through (a)(3) of this article, the capital component of the Transportation Charge for costs Incurred prior to the Billing Transition Date shall include an annual charge to recover the Agency’s share of the portion of Water System Facility Revenue Bond Financing Costs allocable to Project Transportation Facilities. Charges to the Agency for these costs shall be calculated in accordance with Article 50(a).

(b) Transportation Charge Capital Component for Costs Incurred On or After the Billing Transition Date. The provisions of this subdivision (b) shall apply only to Capital Costs Incurred on or after the Billing Transition Date.

(1) The amount of the capital component of the Transportation Charge for costs Incurred on or after the Billing Transition Date shall be determined in three steps as follows:

(A) first, an allocation of Capital Costs to the Contractor as provided in subdivision (b)(2) of this article,

(B) second, a determination of the type and source of payment of each Capital Cost as provided in subdivision (b)(3) of this article, and

(C) third, a computation of the annual payment to be made by the Contractor as provided in subdivision (b)(4) and (b)(5) of this article.

(2) The total amount of Capital Costs of each aqueduct reach to be returned to the State under the Transportation Charge for costs Incurred on or after the Billing Transition Date shall be allocated among all Contractors entitled to delivery of Project Water from or through the reach by the proportionate use of facilities method of cost allocation and in accordance with Article 23(c) and subdivision (c)(1) of this article.

(3) Annual Capital Costs of Project Transportation Facilities shall be divided into five categories of type and source of payment:

(A) Project Transportation Facility Capital Costs paid with the proceeds of Water System Facility Revenue Bonds,

(B) Project Transportation Facility Capital Costs paid with the proceeds of bonds issued under the Burns-Porter Bond Act,

(C) Project Transportation Facility Capital Costs paid with amounts in the SWRDS Reinvestment Account,

(D) Project Transportation Facility Capital Costs paid annually for assets that will have a short Economic Useful Life or the costs of which are not substantial, and

(E) Project Transportation Facility Capital Costs prepaid by the Agency.

The projected amounts of Project Transportation Facility Capital Costs of each type to be allocated annually to the Agency shall be determined by the State in accordance with the cost allocation principles and procedures set forth in Article 23(c)(1) through (c)(3) and this subdivision (b)(3), which principles and procedures shall be controlling as to allocations of each type of Capital Costs to the Agency; *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28. Such projected amounts will be set forth in Table J by the State.

**TABLE J
PROJECTED ALLOCATIONS TO
CRESTLINE-LAKE ARROWHEAD WATER AGENCY
OF PROJECT TRANSPORTATION FACILITY CAPITAL COSTS INCURRED ON OR
AFTER THE BILLING TRANSITION DATE**

Year	Allocations in Thousands of Dollars				
	Costs to be Paid with Proceeds of Water System Facility Revenue Bonds	Costs to be Paid with the Proceeds of Bonds issued under the Burns-Porter Bond Act	Costs to be Paid with Amounts in the SWRDS Reinvestment Account	Costs to be Paid Annually for Assets That Will Have a Short Economic Useful Life or the Costs of which are Not Substantial	Costs Prepaid by the Agency
1*					
2					
3					

* Year commencing with the Billing Transition Date

(4) The capital component of the Transportation Charge for a calendar year for costs Incurred on or after the Billing Transition Date shall consist of the following to the extent the related Capital Costs are allocated to the Agency:

(A) Water System Facility Revenue Bond: a charge determined in accordance with Article 50(b) to recover Water System Facility Revenue Bond Financing Costs Incurred during such calendar year that relate to the financing of Water System Facilities that are Project Transportation Facilities,

(B) Burns-Porter Act Bonds: a charge to recover the amount to be paid by the State of California during such calendar year in accordance with the Burns-Porter Bond Act for the principal of and interest on bonds issued under the Burns-Porter Bond Act on or after the Billing Transition Date for Project Transportation Facility Capital Costs,

(C) SWRDS Reinvestment Account: a charge determined in accordance with subdivision (b)(5) of Article 61 to amortize Project Transportation Facility Capital Costs Incurred during prior calendar years

(but not prior to the Billing Transition Date) that have been paid with amounts from the SWRDS Reinvestment Account, and

(D) Capital Assets with Short Economic Life or Costs of which are Not Substantial: a charge to recover the Capital Costs to be Incurred during such calendar year of Project Transportation Facility assets with a short Economic Useful Life or the costs of which are not substantial as determined by the State and any such Capital Costs Incurred but not charged in the prior two calendar years,

(5) *Projected Charges.* The projected amounts of the charges to be allocated annually to the Agency under the capital component of the Transportation Charge for costs Incurred on or after the Billing Transition Date shall be determined by the State in accordance with the cost allocation principles and procedures set forth in this Article, which principles and procedures shall be controlling as to allocations of capital component charges to the Agency; *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28. Such amounts are projected to be as set forth in Table K by the State.

**TABLE K
PROJECTED CHARGES UNDER THE CAPITAL COMPONENT
OF THE TRANSPORTATION CHARGE FOR COSTS INCURRED ON OR AFTER THE
BILLING TRANSITION DATE TO
CRESTLINE-LAKE ARROWHEAD WATER AGENCY**

Year	Projected Charges in Thousands of Dollars			
	Costs to be Paid with Proceeds of Water System Facility Revenue Bonds	Costs to be Paid with the Proceeds of Bonds issued under the Burns-Porter Bond Act	Costs to be Paid with Amounts in the SWRDS Reinvestment Account	Costs to be Paid Annually for Assets That Will Have a Short Economic Useful Life or the Costs of which are Not Substantial
1*				
2				
3				

* Year commencing with the Billing Transition Date.

(c) **Provisions Applicable to the Transportation Charge For Costs Incurred Both Prior To and On or After the Billing Transition Date.** The provisions of this subdivision (c) shall be applicable to Capital Costs Incurred both prior to and on or after the Billing Transition Date.

(1) *Proportionate Use Factors.* The measure of the proportionate use by each Contractor of each reach shall be the average of the following two ratios:

(A) the ratio of the Contractor's Maximum Annual Table A Amount to be delivered from or through the reach to the total of the Maximum Annual Table A Amounts of all Contractors to be delivered from or through the reach from the year in which charges are to be paid through the end of the Project Repayment Period, and

(B) the ratio of the capacity provided in the reach for the transport and delivery of Project Water to the Contractor to the total capacity provided in the reach for the transport and delivery of Project Water to all Contractors served from or through the reach from the year in which charges are to be paid through the end of the Project Repayment Period.

Allocations of Capital Costs to the Agency pursuant hereto shall be on the basis of relevant values which will be set forth in Table L by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach of the Project Transportation Facilities for the transport and delivery of Project Water to the Agency, pursuant to Article 17(a); *provided* that these values shall be subject to redetermination by the State in accordance with Article 28; *provided further* that the principles and procedures set forth in this subdivision shall be controlling as to allocations of Capital Costs to the Agency. Proportionate use of facilities factors for prior years shall not be adjusted by the State in response to changes or transfers of Table A Amounts among Contractors unless otherwise agreed by the State and the parties to the transfer and unless there is no impact on past charges or credits of other Contractors.

TABLE L

[TABLE L shall set forth the relevant values that shall serve as the basis for allocation of all Transportation Charge Costs]

(This table was labeled Table B in original contract provisions)

(2) *Determinations Using Proportionate Use Factors.* The total amount in each category of Capital Costs allocated to a Contractor shall be the sum of the products obtained when there is multiplied, for each aqueduct reach necessary to deliver water to the Contractor, the total amount of the Capital Costs of the reach in that category to be returned to the State under the Transportation Charge by the average of the two foregoing ratios for such reach as such average is set forth in the appropriate table included in its contract.

(3) *Excess Capacity.* In the event that excess capacity is provided in any aqueduct reach for the purpose of making Project Water available in the future to an agency or agencies with which the State has not executed contracts at the time of any allocation of costs pursuant to this subdivision, the prospective Maximum Annual Table A Amount or Amounts to be supplied by such excess capacity, as determined by the State, shall be deemed to be contracted for by such agency or agencies for the purpose of such allocation of costs, to the end that the Capital Costs of providing such excess capacity are not charged to any Contractor entitled by virtue of an executed contract to the delivery of Project Water from or through that aqueduct reach at the time of such allocation. Where additional capacity is provided in any aqueduct reach to compensate for loss of water due to evaporation, leakage, seepage, or other causes, or to compensate for scheduled outages for purposes of necessary investigation, inspection, maintenance, repair or replacement of the facilities of the Project Facilities, then, for the purpose of any allocation of costs pursuant to this subdivision:

(A) the Maximum Annual Table A Amount to be delivered from or through the reach of each Contractor entitled to delivery of Project Water from or through the reach shall be increased by an amount which bears the same proportion to the maximum annual delivery capability provided by such additional capacity that the Contractor's Maximum Annual Table A Amount to be delivered from or through the reach bears to the total of the Maximum Annual Table A Amounts to be delivered from or through the reach under all contracts; and

(B) the capacity provided in the reach for each Contractor entitled to delivery of Project Water from or through the reach shall be increased in the same proportion that the Contractor's Maximum Annual Table A Amount to be delivered from or through the reach is increased pursuant to (A) above.

(4) *Power Facilities.* The Capital Costs of project aqueduct power recovery plants shall be charged and allocated in accordance with this Article 24. The Capital Costs of off-aqueduct power facilities shall be charged and allocated in accordance with Article 25(d).

(5) *Capital Costs of Excess Capacity.* In the event that any Contractor, pursuant to Article 12(b), requests delivery capacity in any aqueduct reach which will permit maximum monthly deliveries to such Contractor in excess of the percentage amounts specified in such Article 12(b) for the uses designated therein, such Contractor shall furnish to the State, in advance of the construction of such aqueduct reach, funds sufficient to cover the costs of providing such excess capacity, which funds shall be in an amount which bears the same proportion to the total Capital Costs of such reach, including the costs of providing such excess capacity, as such excess capacity bears to the total capacity of such reach, including such excess capacity. For the purpose of any allocation of costs pursuant to subdivision (c)(1) of this article, the total Capital

Costs of such aqueduct reach shall be allocated among all Contractors entitled to delivery of Project Water from or through the reach in the following manner:

(A) The costs which would have been Incurred for such reach had no such excess capacity been provided shall be estimated by the State and allocated among all such Contractors in the manner provided in such subdivision (c)(1); and

(B) the amount of the difference between such estimated costs and the projected actual costs of such reach shall be allocated to the Contractor or Contractors for which such excess capacity is provided.

Where such excess capacity is provided for more than one Contractor, the costs allocated to them under (B) above shall be further allocated between or among them in amounts which bear the same proportion to the total of such allocated costs as the amount of such excess capacity provided for the respective Contractor bears to the total of such excess capacity provided in such reach. In the event that the funds advanced by a Contractor pursuant to this subdivision are more or less than the costs so allocated to such Contractor under (B) above, the account of such Contractor shall be credited or debited accordingly.

(6) *Replacement Cost Treatment.* Replacement costs of Project Transportation Facilities shall be treated as either Capital Costs or as minimum operation, maintenance, power and replacement costs, as determined by the State considering the Economic Useful Life of the asset being replaced and other relevant factors.

(7) *East Branch Enlargement.* Notwithstanding provisions of Articles 24(a) through 24(c), Capital Costs associated with East Branch Enlargement Facilities as defined in Article 49(a) shall be collected under the capital component of the East Branch Enlargement Transportation Charge Article 49(d). Any Capital Costs of off-aqueduct power facilities associated with deliveries through East Branch Enlargement Facilities shall be charged and allocated in accordance with Article 25(d).

25. TRANSPORTATION CHARGE—MINIMUM OPERATION, MAINTENANCE, POWER, AND REPLACEMENT COMPONENT.

The provisions of this article shall apply to costs incurred both prior to and on or after the Billing Transition Date.

(a) **Purpose.** The minimum operation, maintenance, power, and replacement component of the Transportation Charge shall return to the State those costs of the Project Transportation Facilities necessary to deliver water to the Contractor which constitute operation, maintenance, power, and replacement costs Incurred irrespective of the amount of Project Water delivered to the Contractor and which are allocated to the Contractor pursuant to subdivision (b) of this article; *provided* that to the extent permitted by law, the State may establish reserve funds to meet anticipated minimum replacement costs; and deposits in such reserve funds by the State: (1) shall be made in such amounts that such reserve funds will be adequate to meet such anticipated costs as they are incurred, and (2) shall be deemed to be a part of the minimum replacement costs for the year in which such deposits are made.

(b) **Allocation.** The total projected minimum operation, maintenance, power, and replacement costs of each aqueduct reach of the Project Transportation Facilities for the respective year shall be allocated among all Contractors entitled to delivery of Project Water from such facilities by the proportionate use of facilities method of cost allocation, in the same manner and upon the same bases as are set forth for the allocation of Capital Costs in subdivisions (c)(1) through (c)(3) of Article 24; *provided* that such minimum operation, maintenance, power, and replacement costs as are Incurred generally for the Project Transportation Facilities first shall be allocated to each aqueduct reach in an amount which bears the same proportion to the total amount of such general costs that the amount of the costs Incurred directly for the reach bears to the total of all direct costs for all aqueduct reaches.

(c) **Determination; Repayment Table.** The amount to be paid each year by the Agency under the minimum operation, maintenance, power, and replacement component of the Transportation Charge shall be determined in accordance with subdivision (b) of this article on the basis of the relevant values to be set forth for the respective aqueduct reaches in Table L, included in Article 24; *provided* that these values shall be subject to redetermination by the State in accordance with Article 28. Such amounts and any appropriate interest thereon for costs incurred prior to the Billing Transition Date shall be set forth by the State in Table M as soon as designs and cost estimates have been prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of Project Water to the Agency, pursuant to Article 17(a); *provided* that the amounts set forth in Table M shall be subject to redetermination by the State in accordance with Article 28.

TABLE M
TRANSPORTATION CHARGE -- MINIMUM OPERATION MAINTENANCE, POWER,
AND REPLACEMENT COMPONENT
CRESTLINE-LAKE ARROWHEAD WATER AGENCY

Year	Total Annual Payment by Agency*
1**	
2	
3	
4	

* Payment shall start with respect to each aqueduct reach in the year following the year in which the State completes construction of the respective reach.

** Year in which the State commences construction of Project Transportation Facilities.

(This table was labeled Table E in original contract provisions)

(d) **Off-Aqueduct Power Facilities.** Notwithstanding the provisions of subdivisions (a) through (c) of this Article or of Article 1(h), the costs of off-aqueduct power facilities shall be determined and allocated as follows:

(1) The off-aqueduct power costs shall include all annual costs the State incurs for any off-aqueduct power facility, which shall include, but not be limited to, power purchases, annual Financing Costs, and associated operation and maintenance costs of such facility, less any credits, interest earnings, or other monies received by the State in connection with such facility or Revenue Bonds issued to finance the Capital Costs of such facility. In the event the State finances all or any part of an off-aqueduct power facility directly from funds other than bonds or borrowed funds, in lieu of such annual principal and interest payments, the repayment of Capital Costs as to that part financed by such other funds shall be determined on the basis of the schedule that would have been required under Article 24.

(2) The annual costs of off-aqueduct power facilities as computed in (1) above shall initially be allocated among Contractors in amounts which bear the same proportions to the total amount of such power costs that the total estimated electrical energy (kilowatt hours) required to pump through Project Transportation Facilities the desired delivery of Annual Table A Amounts for that year, as submitted pursuant to Article 12(a)(1) and as may be modified by the State pursuant to Article 12(a)(2), bears to the total estimated electrical energy (kilowatt hours) required to pump all such amounts for all Contractors through Project Transportation Facilities for that year, all as determined by the State.

(3) An interim adjustment in the allocation of the power costs calculated in accordance with (2) above, may be made in May of each year based on April revisions in approved schedules of deliveries of project and nonproject water for Contractors for such year. A further adjustment shall be made in the following year based on actual deliveries of project and nonproject

water for Contractors; *provided, however*, that in the event no deliveries are made through a pumping plant, the adjustments shall not be made for that year at that plant.

(4) To the extent the monies received or to be received by the State from all Contractors for off-aqueduct power costs in any year are determined by the State to be less than the amount required to pay the off-aqueduct power costs in such year, the State may allocate and charge that amount of off-aqueduct power costs to the Agency and other Contractors in the same manner as costs under the capital component of the Transportation Charge are allocated and charged. After that amount has been so allocated, charged and collected, the State shall provide a reallocation of the amounts allocated pursuant to this paragraph (4), such reallocation to be based on the allocations made pursuant to (2) and (3) above for that year, or in the event no such allocation was made for that year, on the last previous allocation made pursuant to (2) and (3) above. Any such reallocation of costs incurred prior to the Billing Transition Date shall include appropriate interest thereon at the Project Interest Rate.

(e) The total minimum operation, maintenance, power and replacement component due that year from each Contractor shall be the sum of the allocations made under the proportionate use of facilities method provided in subdivision (b) of this article and the allocations made pursuant to subdivision (d) of this article for each Contractor.

(f) Notwithstanding provisions of Articles 25(a) through 25(c) and 25(e), minimum operation, maintenance, power, and replacement costs associated with deliveries through East Branch Enlargement Facilities as defined in Article 49(a) shall be collected under the minimum operation, maintenance, power, and replacement component of the East Branch Enlargement Transportation Charge as determined under Article 49(e).

26. TRANSPORTATION CHARGE—VARIABLE OPERATION, MAINTENANCE AND POWER COMPONENT.

The provisions of this article shall apply to costs Incurred both prior to and on or after the Billing Transition Date.

(a) **Purpose.** The variable operation, maintenance, and power component of the Transportation Charge shall return to the State those costs of the Project Transportation Facilities necessary to deliver water to the Contractor which constitute operation, maintenance, power and replacement costs Incurred in an amount which is dependent upon and varies with the amount of Project Water delivered to the Contractor and which are allocated to the Contractor pursuant to (1) and (2) below; *provided* that to the extent permitted by law, the State may establish reserve funds to meet anticipated variable replacement costs; and deposits in such reserve funds by the State: (1) shall be made in such amounts that such reserve funds will be adequate to meet such anticipated costs as they are incurred, and (2) shall be deemed to be a part of the variable replacement costs for the year in which such deposits are made.

(b) **Determination.** The amount of this variable operation, maintenance, and power component shall be determined as follows:

(1) *Determination of Charge Per Acre-Foot.* There shall be computed for each calendar year for each aqueduct reach of the Project Transportation Facilities a charge per acre-foot of water which will return to the State the total projected variable operation, maintenance and power costs of the reach for such calendar year. This computation shall be made by dividing such total by the number of acre-feet of Project Water estimated to be delivered from or through the reach to all Contractors during the year.

(2) *Determination of Charge Per Reach to the Contractor.* The amount of the variable component shall be the product of the sum of the charges per acre-foot of water, determined under (1) above, for each aqueduct reach necessary to deliver water to the Contractor, and the number of acre-feet of Project Water delivered to the Contractor during the year through such reach; *provided* that when Project Water has been requested by a Contractor and delivery thereof has been commenced by the State, and, through no fault of the State, such water is wasted as a result of failure or refusal by the Contractor to accept delivery thereof, the amount of such variable component to be paid by such Contractor during such period shall be the product of the above sum and the sum of the number of acre-feet of Project Water delivered to the Contractor and the number of acre-feet wasted.

(c) **Credit Relating to Project Aqueduct Power Recovery Plants.** There shall be credited against the amount of the variable operation, maintenance, and power component to be paid by each Contractor, as determined pursuant to subdivision (a) of this article, a portion of the projected net value of any power recovered during the respective year at project aqueduct power recovery plants located upstream on the particular aqueduct reach from the delivery structures for delivery of Project Water to the Contractor. Such portion shall be in an amount which bears the same proportion to

such projected net value that the number of acre-feet of Project Water delivered to the Contractor through such plants during the year bears to the number of acre-feet of Project Water delivered to all Contractors through such plants during the year.

(d) **Determination of Total Variable Component Charge.** The amount to be paid each year by the Agency under the variable operation, maintenance, and power component of the Transportation Charge shall be determined in accordance with subdivision (a) of this article for the respective aqueduct reaches in Table L included in Article 24. Such amounts and any appropriate interest thereon for costs incurred prior to the Billing Transition Date shall be set forth by the State in Table N as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of Project Water to the Agency, pursuant to Article 17(a); *provided* that the amounts set forth in Table N shall be subject to redetermination by the State in accordance with Article 28.

**TABLE N
TRANSPORTATION CHARGE—ESTIMATED VARIABLE OPERATION,
MAINTENANCE, AND POWER COMPONENT
CRESTLINE-LAKE ARROWHEAD WATER AGENCY**

Year	Total Annual Payment by Agency*
1**	
2	
3	
4	

* Payments start with year of initial water delivery.

** Year in which the State commences construction of the Project Conservation Facilities.
(This table was labeled Table F in original contract provisions)

(e) **No Separate Variable Component for East Branch Enlargement Facilities.** There shall be no separate variable operation, maintenance, and power component for deliveries of water through East Branch Enlargement Facilities defined in Article 49(a).

27. TRANSPORTATION CHARGE -- REPAYMENT SCHEDULE.

The amounts to be paid by the Agency for each year under the Capital Cost and minimum operation, maintenance, power, and replacement components of the Transportation Charge, and under the variable operation, maintenance, and power component of such charge on the basis of then estimated deliveries, shall be set forth by the State in Table O as soon as designs and cost estimates have been prepared by it subsequent to receipt of requests from the Agency as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of Project Water to the Agency, pursuant to Article 17(a), which Table O shall constitute a summation of Tables I, K, M, and N; *provided* that each of the amounts set forth in Table O shall be subject to redetermination by the State in accordance with Article 28; *provided further* that the principles and procedures set forth in Articles 24, 25, and 26 shall be controlling as to such amounts. Such amounts shall be paid by the Agency in accordance with the provisions of Article 29.

**TABLE O
REPAYMENT SCHEDULE--TRANSPORTATION CHARGE
CRESTLINE-LAKE ARROWHEAD WATER AGENCY**

Year	Capital Cost Component	Minimum Component	Variable Component	Total
1*				
2**				
3				
4				

* Year in which State commences construction of Project Transportation Facilities.

** Year of first payment.

(This table was labeled Table G in original contract provisions)

**28. DELTA WATER CHARGE AND TRANSPORTATION CHARGE—
REDETERMINATION.**

(a) Redetermination of Transportation Charges for Costs Incurred Prior to the Billing Transition Date. The provisions of this subdivision (a) shall apply only to costs Incurred prior to the Billing Transition Date.

(1) *Determinative Factors Subject to Retroactive Change.* The State shall redetermine the values and amounts set forth in Tables H through O (referred to in the original contract provisions as Tables B through G) of this contract in the year following the year in which the State commences construction of the Project Transportation Facilities and each year thereafter during the Project Repayment Period in order that the Transportation Charge to the Agency and the components thereof may accurately reflect the increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State Incurred prior to the Billing Transition Date to construct the Project Transportation Facilities described in Table G of this contract, Annual Table A Amounts, estimated deliveries, Project Interest Rate, and all other factors which are determinative of such charges. In addition, each such redetermination shall include an adjustment of the components of the Transportation Charge to be paid by the Agency for succeeding years which shall account for the differences, if any, between those factors used by the State in determining the amounts of such components for all preceding years and the factors as then currently known by the State. Such adjustment shall be computed by the State and paid by the Agency or credited to the Agency's account in the manner described in (b) and (c) below.

(2) *Adjustment: Transportation Charge -- Capital Component For Costs Incurred Prior to the Billing Transition Date.* Adjustments for prior underpayments or overpayments of the capital component of the Transportation Charge to the Agency for costs Incurred prior to the Billing Transition Date, together with accrued interest charges or credits thereon computed at the then current Project Interest Rate on the amount of the underpayment or overpayment and compounded annually for the number of years from the year the underpayment or overpayment occurred to and including the year following the redetermination, shall be paid in the year following the redetermination; *provided* that the Agency may elect to exercise the option whereby when the redetermined Transportation Charge for the following year, with adjustments, including adjustments of the operation, maintenance, power, and replacement components provided for in subdivision (a)(3) of this article, is more or less than the last estimate of the charge provided pursuant to Article 27 for the corresponding year, without adjustments, an amount equal to the total of such difference shall be deducted from or added to the adjusted capital component for that year and paid or credited in accordance with the following schedule:

Percent that Transportation Charge for costs Incurred prior to the Billing Transition Date differs from last estimate (+ or -)	Period, in years, for amortizing the difference in indicated charge
for 10% or less	no amortization
more than 10%, but not more than 20%	2
more than 20%, but not more than 30%	3
more than 30%, but not more than 40%	4
more than 40%	5

Such payments or credits shall be equal semi-annual amounts of principal and interest on or before the 1st day of January and the 1st day of July, with interest computed at the Project Interest Rate and compounded annually, during varying amortization periods as set forth in the preceding schedule; *provided* that for the purpose of determining the above differences in the Transportation Charge for costs Incurred prior to the Billing Transition Date, the variable operation, maintenance, and power component shall be computed on the basis of the same estimated Project Water deliveries as was assumed in computing pursuant to Article 26(c).

(3) *Adjustment: Transportation Charge -- Minimum and Variable Components for costs Incurred prior to the Billing Transition Date.* One-twelfth of the adjustments for prior underpayments or overpayments of the Agency's minimum and variable operation, power, and replacement components for each year shall be added or credited to the corresponding components to be paid in the corresponding month of the year following the redetermination, together with accrued interest charges or credits thereon computed at the then current Project Interest Rate on the amount of the underpayment or overpayment and compounded annually for the number of years from the year the underpayment or overpayment occurred to and including the year following the redetermination.

(4) *Exercise of Option.* The option provided for in subdivision (a)(2) of this article shall be exercised in writing on or before the January 1 due date of the first payment of the capital component of the Transportation Charge for the year in which the option is to become effective. Such option, once having been exercised, shall be applicable for all of the remaining years of the Project Repayment Period.

(5) *Project Interest Rate Adjustments.* Notwithstanding the provisions of subdivision (a)(2) of this article, adjustments for prior overpayments and underpayments shall be repaid beginning in the year following the redetermination by application of a unit rate per acre-foot which, when paid for the projected portion of the Agency's Annual Table A Amount will return to the State, during the Project Repayment Period, together with interest thereon computed at the Project Interest Rate and compounded annually, the full amount

of the adjustments resulting from financing after January 1, 1987, from all bonds, advances, or loans listed in Article 1(ad) except for Article 1(ad)(3) and except for bonds issued by the State under the Central Valley Project Act after January 1, 1987 for facilities not listed among the Water System Facilities in Article 1(ap). Notwithstanding the immediately preceding exception, such amortization shall also apply to any adjustments in this component charge resulting from a change in the Project Interest Rate due to any refunding after January 1, 1986 on bonds issued under the Central Valley Project Act. However, amortization of adjustments resulting from items listed in subdivisions (1)(ad)(4) through (7) of Article 1 shall be limited to a period which would allow the Department to repay the debt service on a current basis until such time as bonds are issued to reimburse the source of such funding. In no event shall this amortization period be greater than the Project Repayment Period.

(6) *No Adjustment of Water System Facility Revenue Bond Financing Costs.* The use of Water System Facility Revenue Bonds for financing facilities listed in Article 1(ap) shall not result in adjustments for prior underpayments or overpayments of the capital component of the Transportation Charge to the Agency under the provisions of this article. In place of making such adjustments, charges to the Agency for Water System Facility Revenue Bond Financing Costs will be governed by Article 50(a).

(b) Redetermination of Delta Water Charges and Transportation Charges for Costs Incurred On or After the Billing Transition Date. The provisions of this subdivision (b) shall apply only to costs Incurred on or after the Billing Transition Date.

(1) *Determinative Factors Subject to Retroactive Change.* The State shall redetermine the values and amounts set forth in Tables B through F and Tables J through O of this contract each calendar year commencing on or after the Billing Transition Date in order that the Delta Water Charge and the Transportation Charge to the Agency for costs Incurred on or after the Billing Transition Date and the components thereof may accurately reflect the increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State Incurred to construct Project Conservation Facilities and Project Transportation Facilities, Annual Table A Amounts, estimated deliveries, and all other factors which are determinative of such charges. In addition, each such redetermination shall include an adjustment of the components of the Delta Water Charge and Transportation Charge to be paid by the Agency for succeeding years which shall account for the differences, if any, between those factors used by the State in determining the amounts of such components for all preceding years and the factors as then currently known by the State, as applicable. Such adjustment shall be computed by the State and paid by the Agency or credited to the Agency's account in the manner described in subdivisions (b)(2) and (b)(3) of this article.

(2) *Adjustment: Delta Water Charge and Transportation Charge -- Capital Components for Costs Incurred On or After the Billing Transition Date.* Adjustments for prior underpayments or overpayments of the capital component

of the Delta Water Charge and the Transportation Charge to the Agency for costs Incurred on or after the Billing Transition Date shall be paid in the year following the redetermination.

(3) Adjustment: Delta Water Charge and Transportation Charge -- Minimum and Variable Components for Costs Incurred On or After the Billing Transition Date One-twelfth of the adjustments for prior underpayments or overpayments of the Agency's minimum operation, maintenance, power, and replacement component and variable operation, maintenance and power component of the Delta Water Charge and Transportation Charge for each year shall be added or credited to the corresponding components to be paid in the corresponding month of the year following the redetermination.

29. TIME AND METHOD OF PAYMENT OF DELTA WATER CHARGE AND TRANSPORTATION CHARGE.

The provisions of this article shall apply to costs Incurred both prior to and on or after the Billing Transition Date. References to the Delta Water Charge shall include the Delta Water Charge for costs Incurred prior to the Billing Transition Date and the Delta Water Charge for costs Incurred on or after the Billing Transition Date, separately, as applicable, and references to the Transportation Charge shall include the Transportation Charge for costs Incurred prior to the Billing Transition Date and the Transportation Charge for costs Incurred on or after the Billing Transition Date, separately, as applicable.

(a) **Initial Payments.**

(1) *Delta Water Charge.* Payments by the Agency under the Delta Water Charge shall commence in the Year of Initial Water Delivery to the Agency.

(2) *Capital Component of the Transportation Charge.* Payments by the Agency under the capital component of the Transportation Charge shall commence in the year following the year in which the State commences construction of the Project Transportation Facilities.

(3) *Minimum Operation, Maintenance, Power, and Replacement Component.* Payments by the Agency under the minimum operation, maintenance, power, and replacement component of the Transportation Charge shall commence for each aqueduct reach in the year following the year in which construction of that reach is completed.

(4) *Variable Operation, Maintenance, Power, and Replacement Component.* Payments by the Agency under the variable operation, maintenance, power and replacement component of the Transportation Charge shall commence in the Year of Initial Water Delivery to the Agency.

(b) **Annual Statement of Charges.** The State shall, on or before July 1 of each year, commencing with the year preceding the year in which payment of the respective charge is to commence pursuant to this article, furnish the Agency with a written statement of the following items:

(1) the charges to the Agency for the next succeeding year under the capital components and minimum operation, maintenance, power, and replacement components of the Delta Water Charges and Transportation Charges; *provided* that charges for Financing Costs shall be stated as separate items in the Statement of Charges;

(2) the unit charges to the Agency for the next succeeding year under the variable operation, maintenance, power and replacement components of the Delta Water Charge and Transportation Charge; and

(3) the total charges to the Agency for the preceding year under the variable operation, maintenance, power and replacement components of such

Delta Water Charge and Transportation Charge; *provided* that through December 31, 1969, the Delta Water Charge shall be based upon a unit rate of \$3.50 per acre-foot and shall be paid by the Contractors on the basis of their respective Annual Table A Amounts, as provided in Article 22(b).

All such statements shall be accompanied by the latest revised copies of the documents amendatory to Article 22 and of the tables included in Articles 24 through 27, together with such other data and computations used by the State in determining the amounts of the above charges as the State deems appropriate.

(c) **Monthly Statements.** The State shall, on or before the fifteenth day of each month of each year, commencing with the Year of Initial Water Delivery to the Agency, furnish the Agency with a statement of the charges to the Agency for the preceding month under the variable operation, maintenance, power and replacement components of the Delta Water Charge and Transportation Charge. Such charges shall be determined by the State in accordance with the relevant provisions of Articles 22 and 26 of this contract, upon the basis of metered deliveries of Project Water to the Agency, except as otherwise provided in those articles.

(d) **Semiannual Payments of Capital Components.** The Agency shall pay to the State, on or before January 1 of each year, one-half (1/2) of the charge to the Agency for the year under the capital component of the Delta Water Charge and one-half (1/2) of the charge to the Agency for the year under the capital component of the Transportation Charge, as such charges are stated pursuant to subdivision (b) of this article; and shall pay the remaining one-half (1/2) of each of such charges on or before July 1 of that year.

(e) **Monthly Payments of Minimum Operation, Maintenance, Power, and Replacement Component.** The Agency shall pay to the State, on or before the first day of each month of each year, one-twelfth (1/12) of the sum of the charges to the Agency for the year under the minimum operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge, respectively, as such charges are stated pursuant to subdivision (b) of this article.

(f) **Monthly Payments of Variable Operation, Maintenance, Power, and Replacement Component.** The Agency shall pay to the State on or before the fifteenth day of each month of each year, the charges to the Agency under the variable operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge, respectively, for which a statement was received by the Agency during the preceding month pursuant to subdivision (c) of this article, as such charges are stated in such statement.

(g) **Contest of Charges.** In the event that the Agency in good faith contests the accuracy of any statement submitted to it pursuant to subdivision (b) or (c) of this article, it shall give the State notice thereof at least ten (10) days prior to the day upon which payment of the stated amounts is due. To the extent that the State finds the Agency's contentions regarding the statement to be correct, it shall revise the statement accordingly, and the Agency shall make payment of the revised amounts on or before the due date. To the extent that the State does not find the Agency's contentions to be

STATE WATER PROJECT WATER SUPPLY CONTRACT EXTENSION AMENDMENT
Execution Version

correct, or where time is not available for a review of such contentions prior to the due date, the Agency shall make payment of the stated amounts on or before the due date, but may make the contested part of such payment under protest and seek to recover the amount thereof from the State.

50. WATER SYSTEM FACILITY REVENUE BOND FINANCING COSTS

(a) Water System Facility Revenue Bonds to Finance Capital Costs Incurred Prior to the Billing Transition Date. The provisions of this subdivision (a) shall apply to the Financing Costs of Revenue Bonds issued to finance Water System Facility Capital Costs Incurred prior to the Billing Transition Date. Charges to all Contractors for such Financing Costs shall return to the State each year an amount equal to the Financing Costs the State incurs in that year for such Water System Facility Revenue Bonds.

(1) *Elements of Charge.* Annual charges to recover such Water System Facility Revenue Bond Financing Costs shall consist of two elements.

(A) The first element shall be an annual charge to the Agency for repayment of Capital Costs of Water System Facilities as determined under Articles 22(a) and 24(a) of this contract with interest at the Project Interest Rate. For conservation facilities, the charge shall be a part of the capital component of the Delta Water Charge in accordance with the provisions of Article 22(a) applicable to Capital Costs Incurred prior to the Billing Transition Date. For transportation facilities, the charge shall be a part of the capital component of the Transportation Charge in accordance with the provisions of Article 24(a) applicable to Capital Costs Incurred prior to the Billing Transition Date.

(B) The second element shall be the Agency's share of a Water System Facility Revenue Bond Surcharge to be paid in lieu of a Project Interest Rate adjustment. The total annual amount to be paid by all Contractors under this element shall be the difference between the total annual charges under the first element and the annual Financing Costs of the related Water System Facility Revenue Bonds. The amount to be paid by each Contractor shall be calculated annually as if the Project Interest Rate were increased to the extent necessary to produce revenues from all Contractors sufficient to pay such difference for that year. In making that calculation, adjustments in the Agency's transportation capital component charges for prior overpayments and underpayments shall be determined as if amortized over the remaining years of the Project Repayment Period.

(2) *Identification of Surcharge on Invoices.* The Water System Facility Revenue Bond Surcharge will be identified in the Agency's invoice.

(3) *Timing of Surcharge Payments.* Surcharge payments shall be made in accordance with Article 29(f) of this contract.

(4) *Termination of Surcharge.* The Water System Facility Revenue Bond Surcharge under Article 50(a)(1)(B) shall cease for each series of Water System Facility Revenue Bonds when that series is fully repaid. However, the annual charge determined pursuant to Article 50(a)(1)(A) shall continue to be collected for the time periods otherwise required under Articles 22 and 24.

(5) *Reduction of Charges.* After the Department has repaid the California Water Fund in full and after each series of Water System Facility

Revenue Bonds is repaid, the Department will reduce the charges to all Contractors in an equitable manner in a total amount that equals the amount of the charges under Article 50(a)(1)(A) that the Department determines is not needed for future financing of facilities of the System which, in whole or in part, will serve the purposes of the water supply contract with the Agency.

(b) Water System Facility Revenue Bonds to Finance Capital Costs Incurred On or After the Billing Transition Date. The provisions of this subdivision (b) shall apply to the Financing Costs of Revenue Bonds issued to finance Water System Facility Capital Costs Incurred on or after the Billing Transition Date. Charges to all Contractors for such Financing Costs shall return to the State each year an amount equal to the Financing Costs the State incurs in that year for such Water System Facility Revenue Bonds. The amount of this charge shall be calculated in two steps as follows:

(1) *Allocation of Water System Facility Capital Costs.* Capital Costs Incurred on or after the Billing Transition Date of Water System Facilities that are conservation facilities shall be allocated among all Contractors in proportion to each Contractor's Maximum Annual Table A Amount. Capital Costs Incurred on or after the Billing Transition Date of Water System Facilities that are transportation facilities shall be allocated among all Contractors in accordance with Article 24(c).

(2) *Determination of Annual Financing Cost Amounts.* The State shall determine and charge the Agency each year the amount of the Financing Costs the State incurs in that year for the Water System Facility Revenue Bonds issued to finance such Water System Facility Capital Costs allocated to the Agency.

(c) Provisions Applicable to All Water System Facility Revenue Bonds. The provisions of this article shall apply to all Water System Facility Revenue Bonds.

(1) *Credits for Excess Amounts.* The State shall provide credits to the Contractors for excess reserve funds, excess debt service coverage, interest, and other earnings of the State in connection with payment of the Financing Costs of such Water System Facility Revenue Bonds, when and as permitted by the applicable bond resolution or indenture. When such credits are determined by the State to be available, such credits shall be promptly provided to the Contractors and shall be in proportion to the payments of Water System Facility Revenue Bond Financing Costs from each Contractor. Reserves, bond debt service coverage, interest, and other earnings may be used to retire bonds.

(2) *Allocation of Maturities Permitted.* When calculating charges for Water System Facility Revenue Bond Financing Costs, the State may allocate portions of particular maturities of Water System Facility Revenue Bonds and the Financing Costs associated with such maturities to particular Water System Facilities, in order to establish a reasonable relationship between the Economic Useful Life of such facilities and the term of bonds issued to finance such facilities, and may determine the Financing Costs allocated to the Agency on the basis of such maturity allocation.

(3) *Supplemental Bills for Unanticipated Financing Costs.* The State may submit a supplemental bill to the Agency for the year if necessary to meet unanticipated costs for Water System Facility Revenue Bond Financing Costs for which the State can issue a statement of charges under this article and any other article of this contract providing for payments that are pledged to the payment of Revenue Bonds issued to finance Project Facility Capital Costs allocated to the Agency. The relative amounts of any supplemental billing made to the Agency and to other Contractors for Revenue Bond purposes shall be governed by the otherwise applicable article. Payment of any supplemental billing shall be due thirty days after the date of the invoice.

(4) *Insurance on Contractor Obligations.* To the extent economically feasible and justifiable, as determined by the State after consultation with Contractors, the State shall maintain insurance or other forms of security protecting bondholders and non-defaulting Contractors against costs resulting from the failure of any Contractor to make the payments required by this article.

(5) *Consultation on Financing Plan.* Before issuing each series of Water System Facility Revenue Bonds, the State shall consult with the Contractors, prepare a plan for the State's future financing of Water System Facilities, and give the Agency an opportunity to comment on the plan. The plan shall include but not be limited to the size of any Water System Facility Revenue Bond issuances and the form of any necessary resolutions, indentures or supplements.

(6) *Defaults.*

(A) If a Contractor defaults partially or entirely on its payment obligations with respect to Water System Facility Revenue Bond Financing Costs and sufficient insurance or other security protecting the non-defaulting Contractors is not provided under subdivision (c)(4) of this article, the State shall allocate a portion of the default to each non-defaulting Contractor. The Agency's share of the default shall be equal to an amount determined by multiplying the total default amount to be charged to all non-defaulting Contractors by the ratio that the Agency's Maximum Annual Table A Amount bears to the total of the Maximum Annual Table A Amounts of all non-defaulting Contractors. However, such amount shall not exceed in any year 25 percent of the Water System Facility Revenue Bond Financing Costs that are otherwise payable by the Agency in that year. The amount of default to be charged to non-defaulting Contractors shall be reduced by any receipts from insurance protecting non-defaulting Contractors and bond debt service coverage from a prior year and available for such purpose.

(B) If a Contractor defaults partially or entirely on its payment obligations under this article, the State shall also pursuant to Article 20, upon six months' notice to the defaulting Contractor, suspend water deliveries under Article 20 to the defaulting Contractor so long as the default continues. The suspension of water deliveries shall be proportional to the ratio of the default to the total Water System Facility Revenue Bond

Financing Cost payments due from the defaulting Contractor. However, the State may reduce, eliminate, or not commence suspension of deliveries pursuant to this subparagraph if it determines suspension in the amounts otherwise required is likely to impair the defaulting Contractor's ability to avoid further defaults or that there would be insufficient water for human consumption, sanitation, and fire protection. The State may distribute the suspended water to the non-defaulting Contractors on terms it determines to be equitable.

(C) During the period of default, credits otherwise due the defaulting Contractor shall be applied to payments due from the defaulting Contractor.

(D) Except as otherwise provided in subparagraph (c) of this article, the defaulting Contractor shall repay the entire amount of the default to the State with interest compounded annually at the Surplus Money Investment Fund rate before water deliveries that had been suspended shall be fully resumed to that Contractor. If the defaulting Contractor makes a partial repayment of its default, the Department may provide a proportional restoration of suspended deliveries. The amount of the default to be repaid shall include any amounts previously received by the State from insurance proceeds, bond debt service coverage, or other reserves, and payments from other Contractors pursuant to this subparagraph (c)(6). The defaulting Contractor shall not be entitled to any make-up water deliveries as compensation for any water deliveries suspended during the period when the Contractor was in default.

(E) At such time as the default amount is repaid by the defaulting Contractor, the non-defaulting Contractors shall receive credits in proportion to their contributions towards the amount of the default with interest collected by the State on the defaulted amount.

(F) In the event there is an increase in the amount a non-defaulting Contractor contributes to reserves and/or bond debt service coverage, such increase shall be handled in the same manner as provided in subparagraph (a) of this article.

(G) Action taken pursuant to this subdivision shall not deprive the State of or limit any remedy provided by this contract or by law for the recovery of money due or which may become due under this contract.

(7) *No Article 51 Reduction.* Amounts of Water System Facility Revenue Bond Financing Costs payable under this contract shall not be affected by any reductions in payments pursuant to Article 51.

(8) *Contract Extension.* In the event the Contract Extension Amendment takes effect, but not all Contractors sign the amendment, the following shall apply: If and to the extent that the charges under Article 50(b)(1) and 50(b)(2) of the water supply contracts of Contractors that have not executed the Contract Extension Amendment ("non-signing Contractors") are not sufficient

to recover the annual Financing Costs that relate to Revenue Bonds issued to finance capital costs that are Incurred after the Billing Transition Date and are allocable to such non-signing Contractors, the amount of the shortfall shall be determined. Such shortfall shall be charged to the Contractors that have executed the Contract Extension Amendment (“signing Contractors”) in proportion to each such signing Contractor’s total Water System Facility Revenue Bond Financing Cost charges under Article 50(b) of this contract.

51. FINANCIAL ADJUSTMENTS.

(a) Article Expiration.

This Article 51 shall be effective through December 31, 2035 and shall be of no further effect on and after January 1, 2036; provided, however, that the provisions of this Article 51 may, to the extent applicable, continue to be used and applied on and after January 1, 2036 for the purpose of truing up amounts owed by the Agency to the State or by the State to the Agency for the calendar years up to and ending with calendar year 2035.

(b) State Water Facilities Capital Account.

(1) The State shall establish a State Water Facilities Capital Account to be funded from revenues available under Water Code section 12937(b)(4). Through procedures described in this article and as limited by this article, the State may consider as a revenue need under subdivision (c)(2)(v) of this article and may deposit in the State Water Facilities Capital Account the amounts necessary to pay capital costs of the State Water Facilities for which neither general obligation bond nor revenue bond proceeds are available, including but not limited to planning, reconnaissance and feasibility studies, the San Joaquin Valley Drainage Program and, through the year 2000, the CALFED Bay-Delta Program.

(2) The Director of the Department of Water Resources shall fully consult with the Contractors and consider any advice given prior to depositing funds into this account for any purposes. Deposits into this account shall not exceed the amounts specified in subdivision (c)(2)(v) of this article.

(3) The State shall use revenue bonds or other sources of moneys rather than this account to finance the costs of construction of any major capital projects.

(4) Five years following the Contract Extension Amendment Effective Date, the SWRDS Finance Committee shall review the State Water Facilities Capital Account to determine whether to recommend to the Director that this account be closed. If the Director determines to close the account, the State shall transfer any balance in the account to the SWRDS Support Account.

(5) Unless closed sooner, the State Water Facilities Capital Account shall terminate on December 31, 2035 and the State shall transfer any balance in such account to the SWRDS Support Account.

(c) Calculation of Financial Needs.

(1) Each year the State shall calculate in accordance with the timing provisions of Articles 29 and 31 the amounts that would have been charged (but for this article) to each Contractor as provided in other provisions of this contract.

(2) Each year the State shall also establish its revenue needs for the following year for the following purposes, subject to the following limitations:

(i) The amount required to be collected under the provisions of this contract, other than this article, with respect to all revenue bonds issued by the State for Project Facilities.

(ii) The amount required for payment of the reasonable costs of the annual maintenance and operation of the State Water Resources Development System and the replacement of any parts thereof as described in Water Code section 12937(b)(1). These costs shall not include operation and maintenance costs of any Federal Central Valley Project facilities constructed by the United States and acquired by the State of California after 1994, other than the State's share of the joint use facilities which include San Luis Reservoir, the San Luis Canal and related facilities.

(iii) The amount required for payment of the principal of and interest on the bonds issued pursuant to the Burns-Porter Act as described in Water Code section 12937(b)(2).

(iv) Any amount required for transfer to the California Water Fund in reimbursement as described in Water Code section 12937(b)(3) for funds utilized from said fund for construction of the State Water Resources Development System.

(v) For the years 1998 and thereafter, the amount needed for deposits into the State Water Facilities Capital Account as provided in subdivision (b) of this article, but (A) not more than \$6 million per year for the years 1998, 1999 and 2000, and (B) not more than \$4.5 million per year for the years 2001 and thereafter.

(3) The State shall reduce the annual charges in the aggregate for all Contractors by the amounts by which the hypothetical charges calculated pursuant to subdivision (c)(1) above exceed the revenue needs determined pursuant to subdivision (c)(2) above; provided that the reduction in annual charges in the aggregate for all Contractors shall not exceed \$48 million in any year beginning with the first calendar year following the Contract Extension Amendment Effective Date. The provisions regarding the reduction in annual charges that were in effect prior to the Contract Extension Amendment Effective Date shall continue to apply to the entire calendar year in which the Contract Extension Amendment Effective Date occurs. The reductions under this article shall be apportioned among the Contractors as provided in subdivisions (d), (e), (f) and (g) of this article. Reductions to Contractors shall be used to reduce the payments due from the Contractors on each January 1 and July 1; provided, however, that to the extent required pursuant to subdivision (h) of this article, each Agricultural Contractor shall pay to the Agricultural Rate Management Trust Fund an amount equal to the reduction allocated to such Agricultural Contractor. Any default in payment to the trust fund shall be subject to the same remedies as any default in payment to the State under this contract. To determine whether the reduction in annual charges in the aggregate for all Contractors equals the \$48 million limit specified in this subdivision (c)(3), it shall be assumed that all Contractors have executed the Contract Extension Amendment and will share in the available rate reductions consistent with the proportions as provided in this contract, regardless of whether one or more Contractors do not receive a reduction under their respective Water Supply Contracts.

(4) The supplemental billing provisions authorized under this Article 51(c)(4) shall remain in effect through December 31, 2035, unless the Director determines in his or her discretion to eliminate the use of supplemental billing prior to that date or the Director in his or her discretion accepts a recommendation from the SWRDS Finance Committee to eliminate the use of supplemental billing prior to that date.

(i) The State shall inform the SWRDS Finance Committee if the available System cash balances are projected by the State to fall during the succeeding one hundred twenty (120) days to an amount below an amount equal to ninety (90) days operating expenditures. The SWRDS Finance Committee shall make a recommendation in light of such circumstances to the Director.

(ii) The State may submit a supplemental billing to the Agency for the year in an amount not to exceed the amount of the prior reductions for such year under this Article if necessary to meet unanticipated costs for purposes identified in Water Code Section 12937(b)(1) and (2) for which the State can issue billings under other provisions of this contract, subject to the following procedures and limitations:

(a) The State may only issue supplemental bills pursuant to the provisions of this Article 51(c)(4) when available System cash balances are projected to be less than the amount equal to 90 days operating expenditures.

(b) The term “available System cash balances,” for purposes of subdivision (a) of this Article 51(c)(4)(ii) shall mean available amounts in the following California Water Resources Development Bond Fund accounts: System Revenue Account (to the extent the funds in the System Revenue Account are not projected to be needed for payment of Burns-Porter General Obligation Bond debt service within the next two years), General Operating Account, SWRDS Reinvestment Account, and SWRDS Support Account (to the extent the funds in the SWRDS Support Account are not projected to be needed for non-reimbursable expenditures within the next two years).

(c) The term “operating expenditures” for purposes of subdivision (a) of this Article 51(c)(4)(ii) shall mean the costs described in California Water Code Section 12937(b) chargeable to the State Water Project as water supply.

(d) Any supplemental billing made to the Agency for these purposes shall be in the same proportion to the total supplemental billings to all Contractors for these purposes as the prior reduction in charges to the Agency in that year bears to the total reduction in charges to all Contractors in that year and shall be treated as reducing the amount of the reduction made available for that year

to the Contractor by the amount of the supplemental bill to the Contractor.

(5) The State may also submit a supplemental billing to the Agency for the year if necessary to meet unanticipated costs for revenue bond debt service and coverage for which the State can issue a statement of charges under provisions of this contract other than this article. The relative amounts of any supplemental billing made to the Agency and to other Contractors for revenue bond purposes shall be governed by such other applicable provisions of this contract.

(6) Payment of any supplemental billing shall be due thirty days after the date of the invoice. Delinquency and interest on delinquent amounts due shall be governed by Article 32.

(d) Apportionment of Reductions between Agricultural and Urban Contractors.

(1) Commencing with the first calendar year following the Contract Extension Amendment Effective Date, the State shall apportion available reductions for each year in accordance with this Article.

(2) Annual reductions in the aggregate amount of \$48 million are projected to be available in the first calendar year following the Contract Extension Amendment Effective Date and each succeeding year through calendar year 2035 and shall be applied as follows:

(i) If reductions are available in an aggregate amount that equals \$48 million, \$11,856,000 of reductions shall be apportioned among the Agricultural Contractors, and \$36,144,000 of reductions shall be apportioned among the Urban Contractors.

(ii) If reductions are available in an aggregate amount less than \$48 million in any of these years, the reductions shall be divided on a 24.7%-75.3% basis between the Agricultural Contractors and the Urban Contractors respectively.

(3) No Contractor shall be entitled to receive in any year any additional reductions, including any additional reductions to make up for deficiencies in past projected reductions and any additional reductions above an aggregate annual amount of \$48 million.

(4) Reductions in annual charges to a Contractor pursuant to this Article 51 (d) shall only be made prospectively beginning with the later of the first calendar year following the Contract Extension Amendment Effective Date or the first calendar year following the date the Contractor executes the Contract Extension Amendment. Apportionments of reductions shall be calculated on the assumption that all Contractors have executed such amendment.

(e) Revenues and Reports.

(1) Each year, beginning with the first calendar year commencing after the Contract Extension Amendment Effective Date, the Director shall determine the amount of available Article 51(e) Amounts. The Director shall determine the aggregate amount that would have been charged to all Contractors in any year but for this Article 51 and from that amount shall deduct the sum of

(i) the amount of revenues needed for the purposes specified in subdivisions (c)(2)(i), (ii), (iii), (iv) and (v) plus

(ii) \$48 million.

The remaining amount, if any, shall be referred to herein as "Article 51(e) Amounts".

(2) The State shall allocate available Article 51(e) Amounts as follows:

The Director in his or her discretion shall allocate and transfer or deposit up to 80% of available Article 51(e) Amounts, as determined on a projected basis, and up to 100% of available Article 51(e) Amounts, as determined on an actual basis, into the General Operating Account, the SWRDS Support Account and/or the SWRDS Reinvestment Account. Any Article 51(e) Amounts determined on an actual basis to be remaining in the Systems Revenue Account after the Director allocates and transfers such amounts to the General Operating Account, the SWRDS Support Account and/or the SWRDS Reinvestment Account shall remain in the Systems Revenue Account and shall be tracked separately in the State's Financial Information System. The Director shall have full discretion regarding the use of the amounts remaining in the Systems Revenue Account.

(3) The State shall prepare and distribute an Annual Rate Reduction Determination Report setting out the factors used to determine reductions in rates pursuant to Article 51(c). The report shall include a display of the distribution of gross annual revenues before, among other items, recreation and fish and wildlife expenditures, contributions to the State Water Facilities Capital Account and reduction in rates pursuant to Article 51(c). The report shall also include a display of the distribution and/or allocation of net annual revenues after reduction in rates pursuant to Article 51(c), to the General Operating Account, SWRDS Support Account, SWRDS Reinvestment Account, 51(e) Sub-Account of the Systems Revenue Account, Davis-Dolwig Fund, State Water Facilities Capital Account, and Suspended Costs, as applicable.

(4) The System Financial Activity Report, which is required to be prepared quarterly pursuant to Article 61(d), shall include annual and accumulated Article 51(e) Amounts and expenditure activity, including the beginning balance, the annual activity and the ending balance for the year for each fund or account into which Article 51(e) Amounts have been transferred or deposited. The System Financial Activity Report should also have sufficient detail to provide comprehensive accounting of annual Article 51(e) Amounts and the uses of the annual Article 51(e) Amounts to enable the SWRDS Finance Committee to assess the use of these amounts.

(f) Apportionment of Reductions Among Urban Contractors.

Reductions in annual charges apportioned to Urban Contractors under subdivision (d) of this article shall be further allocated among Urban Contractors pursuant to this subdivision. The amount of reduction of annual charges for each Urban Contractor shall be based on each Urban Contractor's proportionate share of total allocated capital costs as calculated below, for both project conservation and project transportation facilities, repaid by all Urban Contractors over the project repayment period.

(1) The conservation capital cost component of the reduction allocation shall be apportioned on the basis of maximum annual Table A amount. Each Urban Contractor's proportionate share shall be the same as the percentage of that Contractor's maximum annual Table A amount to the total of all Urban Contractors' maximum annual Table A.

(2) The transportation capital cost component of the reduction allocation shall be apportioned on the basis of transportation capital cost component repayment obligations, including interest over the project repayment period. Each Urban Contractor's proportionate share shall be the same as the percentage that the Contractor's total transportation capital cost component repayment obligation is of the total of all Urban Contractors' transportation capital cost component repayment obligations.

(i) Recalculations shall be made annually through the year 1999. Beginning in the year 2000 recalculations shall be made every five years unless an Urban Contractor requests a recalculation for an interim year and does so by a request in writing delivered to the Department by January 1 of the year in which the recalculation is to take place.

(ii) The transportation capital cost component repayment obligations, for purposes of this Article 51(f), shall be based in the year of recalculation on the then most recent Department of Water Resources Bulletin 132, Table B-15, "Capital Cost Component of Transportation Charge for Each Contractor," or its equivalent, excluding any costs or Table A amount associated with transfers of Table A amounts from Agricultural Contractors pursuant to Article 53.

(3) To reflect the relative proportion of the conservation capital cost component and the transportation capital cost component to the total of all capital cost repayment obligations, the two cost components shall be weighted as follows:

(i) The conservation capital cost component shall be weighted with a thirty percent (30%) factor. The weighting shall be accomplished by multiplying each Urban Contractor's percentage of maximum annual Table A Amounts as calculated in subdivision (f)(1) of this article by thirty percent (30%).

(ii) The transportation capital cost component shall be weighted with a seventy percent (70%) factor. The weighting shall be accomplished by multiplying each Urban Contractor's percentage of transportation capital cost component repayment obligations as calculated in subdivision (f)(2) of this article by seventy percent (70%).

(iii) A total, weighted capital cost percentage shall be calculated for each Urban Contractor by adding the weighted conservation capital cost component percentage to their weighted transportation capital cost component percentage.

(4) The total amount of the annual charges to be reduced to Urban Contractors in each year shall be allocated among them by multiplying the total amount of annual charges to be reduced to the Urban Contractors by the total, weighted capital cost percentages for each such Contractor. If the amount of the reduction to an Urban Contractor is in excess of that Contractor's payment obligation to the Department for that year, such excess shall be reallocated among the other Urban Contractors.

(5) In the case of a permanent transfer of urban Table A amounts, the proportionate share of annual charge reductions associated with that Table A amount shall be transferred with the Table A amount to the buying Contractor. In the case of an Table A amount transfer by either Santa Barbara County Flood Control and Water Conservation District or San Luis Obispo County Flood Control and Water Conservation District, the reductions in annual charges to that agency shall be allocated (a) on the basis of that Table A amount being retained by that agency which bears Coastal Branch Phase II transportation costs, (b) on the basis of that Table A amount being retained by that agency which does not bear Coastal Branch Phase II transportation costs, and (c) on the basis of the balance of that agency's Table A amount which also does not bear Coastal Branch Phase II transportation costs.

(g) Apportionment of Reductions Among Agricultural Contractors.

(1) Reductions in annual charges apportioned to Agricultural Contractors under subdivision (d) of this article shall be allocated among the Agricultural Contractors pursuant to this subdivision. The amount of reduction of annual charges for each Agricultural Contractor for the years 1997 through 2001 shall be based on each Agricultural Contractor's estimated proportionate share of the total project costs, excluding the variable operation, maintenance, power and replacement components of the Delta Water Charge and the Transportation Charge and also excluding off-aqueduct power charges, to be paid by all Agricultural Contractors for the years 1997 through 2035, calculated without taking into account this article. For purposes of these calculations, Kern County Water Agency's and Dudley Ridge Water District's estimated project costs shall not include any costs associated with the 45,000 acre-feet of Annual Table A Amounts being permanently relinquished by those Contractors pursuant to subdivision (j) of Article 53. Also, for purposes of these calculations, an Agricultural Contractor's estimated project costs shall not be reduced by the transfer of any of the 130,000 acre-feet of Annual Table A Amounts provided for in subdivisions (a) through (i) of Article 53. The proportionate shares for 1997 through 2001 shall be calculated as follows:

(i) Each Agricultural Contractor's statement of charges received on July 1, 1994, shall be the initial basis for calculating the proportionate shares for the five years 1997 through 2001.

(ii) Each Agricultural Contractor's estimated capital and minimum components of the Delta Water Charge and the Transportation Charge (excluding off-aqueduct power charges) and Water Revenue Bond Surcharge shall be totaled for the years 1997 through 2035.

(iii) Kern County Water Agency and Dudley Ridge Water District totaled costs shall be reduced for the 45,000 acre-feet of annual Table A amount being permanently relinquished by them.

(iv) Any reductions in an Agricultural Contractor's totaled costs resulting from the transfer of any of the 130,000 acre-feet of annual Table A amount shall be re-added to that Contractor's costs.

(v) Each Agricultural Contractor's proportionate share shall be computed by dividing that Contractor's total costs by the total costs for all Agricultural Contractors determined pursuant to subparagraphs (ii), (iii) and (iv) above.

(2) The reductions in annual charges, for 1997 through 2001, shall be calculated using the method described in subdivision (g)(1) of this article.

(3) The allocation shall be recalculated using the same method described in subdivision (g)(1) of this article every five years beginning in 2002, if any Agricultural Contractor requests such a recalculation. Any recalculation shall be based on project cost data beginning with the year that the recalculation is to become effective through 2035.

(h) **Agricultural Rate Management Trust Fund.**

(1) Establishment. Through a trust agreement executed contemporaneously with this amendment, the State and the Agricultural Contractors that sign the Monterey Amendments shall establish the Agricultural Rate Management Trust Fund with a mutually agreed independent trustee.

(2) Separate Accounts. The trustee shall maintain within the trust fund a separate account for each Agricultural Contractor that signs the trust agreement to hold deposits made pursuant to this article.

(3) Deposits. Each Agricultural Contractor that signs the trust agreement shall deposit into such Contractor's account within the trust fund, at the same time as payments would otherwise be required by this contract to be made to the State, an amount equal to the amount by which such Contractor's charges under this contract have been reduced by reason of this article, until the balance in such Contractor's account within the trust fund is the same percentage of \$150,000,000 as such Contractor's percentage share of reductions made available to all Agricultural Contractors as specified in subdivision (g) of this article. In 2002 and every fifth year thereafter, the Agricultural Contractors will review the maximum accumulation in the trust fund (the "Cap") and determine whether the cap should be adjusted. However, the Cap shall not be reduced below an aggregate of \$150,000,000 for all Agricultural Contractor accounts.

(4) Trust Fund Disbursements.

(i) In any year in which the State's allocation of water to an Agricultural Contractor by April 15th of that year is less than one-hundred percent (100%) of the Contractor's requested annual Table A amount for that year, the trustee shall, to the extent there are funds in that Contractor's account, distribute to the State from such account for the benefit of that Contractor an amount equal to the percentage of the total of that Contractor's statement of charges for that year, as redetermined by the

State on or about May 15th of that year, for (a) the Delta Water Charge; (b) the capital cost and minimum operation, maintenance, power and replacement components of the Transportation Charge (including off-aqueduct power charges); and (c) the water system revenue bond surcharge, that is equal to the percentage of that Contractor's annual Table A amount for that year that was not allocated to it by the State by April 15th of that year.

(ii) In addition to the provisions of subdivision (h)(4)(i) of this article, if on April 15 of any year any of the irrigable land within the Tulare Lake Basin Water Storage District (Tulare) is flooded, and Tulare in writing requests the trustee to do so, the trustee shall, to the extent there are funds in Tulare's account, distribute to the State from such account for the benefit of Tulare an amount equal to the percentage of the total of Tulare's statement of charges for that year, as redetermined by the State on or about May 15th of that year, for (a) the Delta Water Charge; (b) the capital cost and minimum components of the Transportation Charge (including off-aqueduct power charges); and (c) the water system revenue bond surcharge, that is equal to the percentage of the irrigable land within Tulare that is flooded on April 15.

(iii) Each Agricultural Contractor shall remain obligated to make payments to the State as required by other articles in this contract. Any amount to be disbursed pursuant to subdivisions (h)(4)(i) and (h)(4)(ii) shall be paid by the trustee to the State on July 1 of the year involved and shall be credited by the State toward any amounts owed by such respective Agricultural Contractor to the State as of that date. However, an Agricultural Contractor may direct the trustee to make the disbursement to that Agricultural Contractor which shall in turn make the payment to the State as required by other provisions of this contract. If the amount to be disbursed exceeds the amount owed to the State by such Contractor as of July 1, the excess shall be disbursed by the Trustee to the State at the time of and in payment of future obligations owed to the State by such Contractor. Alternatively, upon the request of such Contractor, all or part of the excess shall be paid by the trustee to that Contractor in reimbursement of prior payments by the Contractor to the State for that year.

(5) Payment of Supplemental Bills. In any year in which a supplemental bill has been submitted to an Agricultural Contractor pursuant to subdivision (c)(4) of this article, such supplemental bill shall be treated as reducing by an equal amount the obligation of such Contractor for that year to make payments into the Agricultural Rate Management Trust Fund. To the extent that such Contractor has already made payments to the trust fund in an amount in excess of such Contractor's reduced trust fund payment obligation, such Contractor may request the trustee to use the excess from the trust fund to pay the supplemental bill.

(6) Discharge of Payment Obligation. Each payment to the State by the trust fund shall discharge and satisfy the Agricultural Contractor's obligation to pay

the amount of such payment to the State. No reimbursement of the trust fund by the Agricultural Contractor for such payments shall be required. However, each Agricultural Contractor shall continue to make deposits to the trust fund matching the amount of each year's reductions as provided in subdivision (d) of this article so long as the amount in that Contractor's account is less than its share of the Cap.

(7) **Distribution of Funds in Excess of the Cap.** Whenever accumulated funds (including interest) in an Agricultural Contractor's account in the trust fund exceed that Contractor's share of the Cap, or the estimated remaining payments the Contractor is required to make to the State prior to the end of the project repayment period, that Contractor may direct the trustee to pay such excess to the Contractor.

(8) **Termination of Trust Fund.** At the end of the project repayment period, the Agricultural Rate Management Trust Fund shall be terminated and any balances remaining in the accounts for each of the Agricultural Contractors shall be disbursed to the respective Agricultural Contractors.

(i) **Definitions. For the purposes of this article, the following definitions will apply:**

(1) "Agricultural Contractor" shall mean the following agencies as they now exist or in any reorganized form:

- (i.) County of Kings,
- (ii.) Dudley Ridge Water District,
- (iii.) Empire West Side Irrigation District,
- (iv.) Kern County Water Agency for 848,130 acre-feet of its Table A amount,
- (v.) Oak Flat Water District,
- (vi.) Tulare Lake Basin Water Storage District.

(2) "Urban Contractor" shall mean every other agency having a long term water supply contract with the State as they exist as of the date of this amendment or in any reorganized form as well as Kern County Water Agency for 134,600 acre-feet of its Table A amount.

(j) **Except as provided in subdivisions (c)(4) and (c)(5),** this article shall not be interpreted to result in any greater State authority to charge the Contractors than exists under provisions of this contract other than this article.

NEW CONTRACT ARTICLE

II. ARTICLE 61 IS ADDED TO THE CONTRACT AS A NEW ARTICLE AS FOLLOWS:

61. FINANCIAL ACCOUNTS AND ACTIVITIES

(a) General Operating Account

(1) The State shall maintain a General Operating Account to provide the moneys needed for the following purposes:

(i) To pay or provide for the payment of System costs which are reimbursable by one or more Contractors under their respective Water Supply Contracts in the event System revenues available for such payment are insufficient for such purpose; or

(ii) To pay or provide for the payment of System costs for any System purpose in the event of a System emergency as defined in Article 61(a)(1)(iii).

(iii) A System Emergency, as used in this Article 61(a)(1)(ii) shall mean an immediate, urgent, critical, unexpected, or impending situation that, in the judgment of the Director may cause or pose a risk of causing injury, loss of life, damage to the property, impairment of the financial condition, and/or interference with the normal activities of the System which requires immediate attention and remedial action.

(2) The maximum amount in the General Operating Account shall be set, adjusted and funded as follows:

(i) Upon the Contract Extension Amendment Effective Date, the maximum amount shall be \$150 million.

(ii) On or before the first September 1 occurring five (5) years after the Contract Extension Amendment Effective Date and every five (5) years thereafter, the State shall present a business case analysis of the maximum amount reasonably necessary or appropriate to be maintained in the General Operating Account, including an evaluation of the maximum amount and its relationship to the business risks associated with the System cash flow, to the SWRDS Finance Committee for recommendation to the Director regarding a General Operating Account maximum amount adjustment, provided that the maximum amount shall not be less than \$150 million.

(iii) To fund the General Operating Account to its maximum amount, the Director may, in his or her discretion, transfer to the General Operating Account (1) amounts determined to be available pursuant to Article 51(e); (2) earnings from the investment of amounts in the General Operating Account; (3) amounts in the SWRDS Reinvestment Account; and (4) amounts in the SWRDS Support Account.

(iv) If the Director determines to decrease the maximum amount pursuant to Article 61(a)(2)(ii), or the maximum amount is otherwise exceeded, the excess amount in the General Operating Account shall be transferred to the SWRDS Reinvestment Account.

(v) The State shall replenish the amounts used from the General Operating Account (1) through charges to the Contractors to the extent the Contractors are obligated to reimburse the State for the costs paid with such amounts and (2) from the SWRDS Support Account or other available revenues (including the sources described in subparagraph (iii) of this Article 61(a)(2)) for costs not reimbursable by the Contractors under their respective Water Supply Contracts.

(vi) General Operating Account investment earnings shall be used to fund the General Operating Account to its maximum amount or, in the Director's discretion, transferred to the SWRDS Support Account and/or the SWRDS Reinvestment Account.

(3) The State shall prepare monthly reports on the balance in and use of the General Operating Account for the Director, and shall provide those reports to the SWRDS Finance Committee. The SWRDS Finance Committee may periodically review reporting frequency and make recommendations to the Director regarding reporting frequency.

(b) **SWRDS Reinvestment Account**

(1) Commencing with the Contract Extension Amendment Effective Date, the State shall establish and maintain a SWRDS Reinvestment Account to provide a continuing source of investment revenue to provide amounts to be transferred to or deposited in the General Operating Account, the SWRDS Reinvestment Account, and the SWRDS Support Account.

(2) To fund the SWRDS Reinvestment Account, the Director may, in his or her discretion, transfer to the SWRDS Reinvestment Account (i) amounts determined to be available pursuant to Article 51(e), (ii) earnings from the investment of amounts in the SWRDS Reinvestment Account, (iii) payments by the Contractors for capital costs funded from the SWRDS Reinvestment Account, (iv) amounts from the SWRDS Support Account, and (v) amounts from the General Operating Account.

(3) Amounts in the SWRDS Reinvestment Account may be used and/or invested as follows:

(i) To pay capital costs of Project Facilities to the extent those costs are reimbursable by one or more Contractors under their respective Water Supply Contracts. Such capital costs shall be reimbursed to the State in accordance with item 5 of this subparagraph (b) below.

(ii) To pay capital costs of Project Facilities pending reimbursement of the State with the proceeds of revenue bonds issued by the State; and

(iii) To make temporary investments in accordance with the statutory limitations on such investments.

(4) The State shall prepare regular reports on the SWRDS Reinvestment Account for the Director and shall provide those reports to the SWRDS Finance Committee. The State shall consult with the SWRDS Finance Committee about the investments and activities to be funded from the SWRDS Reinvestment Account.

(5) *Amortization of Costs Financed with Amounts in the SWRDS Reinvestment Account.* Charges to amortize Project Facility Capital Costs paid with amounts from the SWRDS Reinvestment Account shall return to the State, in equal annual amounts over an amortization period determined by the State, the amount of each such cost together with an interest charge on the unamortized balance thereof.

(i) The length of such amortization periods may be from ten (10) to fifty (50) years, *provided* that if the capital asset has an Economic Useful Life of less than ten (10) years, the amortization period may be a comparable period of less than ten (10) years.

(ii) The interest charge shall be at a rate equal to the market interest rate at the time the cost is Incurred on municipal Revenue Bonds with the following characteristics:

(a) the same rating as the rating on Revenue Bonds issued by the State to finance Project Facilities, and

(b) the same term as the length of the amortization period, all as determined by the State.

(iii) For the purposes of this subdivision (b)(5), the State may aggregate the Capital Costs of each Project Facility Incurred during each calendar year and determine a composite interest rate and a composite amortization period applicable to the amortization of such costs.

(iv) The amortization charges relating to the costs Incurred during each calendar year shall commence the calendar year starting one year after the end of the calendar year in which such costs were Incurred, and the amount to be amortized shall include capitalized interest for the period from the date or dates the costs are Incurred to the date of commencement of amortization.

(c) **SWRDS Support Account**

(1) Commencing with the Contract Extension Amendment Effective Date, the State shall establish and maintain a SWRDS Support Account to provide a source of funds to pay System costs that are not chargeable to the Contractors under their respective Water Supply Contracts and for the payment of which there are no other monies available.

(2) To fund the SWRDS Support Account, the Director may, in his or her discretion, transfer to the SWRDS Support Account (i) amounts determined to be available pursuant to Article 51(e); (ii) amounts in the SWRDS Reinvestment Account, (iii) investment earnings in the General Operating Account; (iv) earnings from the investment of amounts in the SWRDS Support Account; and (v) other available revenues. The State shall not charge the Agency to replenish the SWRDS Support Account for costs not otherwise chargeable to the Agency under this contract.

(3) If the State is reimbursed or other amounts are appropriated and received for a cost paid from the SWRDS Support Account, the State shall deposit the amount reimbursed or received in the SWRDS Support Account.

(4) The State shall prepare regular reports on the SWRDS Support Account for the Director and shall provide those reports to the SWRDS Finance Committee. The State shall consult with the SWRDS Finance Committee about the investments and activities to be funded from the SWRDS Support Account.

(d) System Financial Activity Report and Reporting Principles

(1) The State shall prepare and distribute quarterly a System Financial Activity Report that contains the following information:

(i) By fund or account, the activity in the following funds and accounts: the General Operating Account, the SWRDS Support Account, the SWRDS Reinvestment Account, the 51(e) Sub-Account of the Systems Revenue Account, the Davis-Dolwig Fund, and the State Water Facilities Capital Account, and the activity with respect to suspended costs.

(ii) The data in the System Financial Activity Report shall be auditable, which includes an audit trail from the costing ledger (currently the Utility Cost Accounting Billing System, as of the Contract Extension Amendment Effective Date) to the general ledger (currently SAP, as of the Contract Extension Amendment Effective Date) or the Bulletin 132 estimates to the System Financial Activity Report.

(2) Appendix B, entitled System Reporting Principles, contains principles and guidelines which shall be followed, to the extent applicable, in the preparation of System financial reports and financial management reports.

(e) State Water Resources Development System Finance Committee

(1) The State shall establish a joint State and Contractors finance committee, which shall be referred to as the State Water Resources Development System Finance Committee or SWRDS Finance Committee. The membership of the SWRDS Finance Committee shall include both representatives from the State and the Contractors.

(2) The primary purpose of the SWRDS Finance Committee shall be to make recommendations to the Director concerning the financial policies of the

System. The State and the Contractors shall describe the scope of the SWRDS Finance Committee in a charter mutually agreeable to the State and the Contractors.

(f) **Cost Recovery**

In general, the State should seek reimbursement for all System costs from the appropriate customers and users of System facilities. With respect to those System costs that are reimbursable by the Contractors, the State should allocate financial responsibility for such costs in a manner that is both lawful and equitable, and which endeavors to recover such costs from the appropriate Contractors. If the State proposes to not charge any Contractor the full amount that the State is entitled to charge the Contractor under the contract, the State shall present a written proposal to the SWRDS Finance Committee for purposes of developing a recommendation to the Director regarding the proposal. The State shall submit such proposal in writing to the SWRDS Finance Committee 90 days in advance of the Director issuing any decision and within such 90 day period the SWRDS Finance Committee shall provide the Director with a recommendation regarding such proposal. Such proposals shall comply with the structure set out in the SWRDS Finance Committee charter referenced in Article 61(e)(2).

NEW CONTRACT APPENDIX

III. APPENDIX B IS ADDED TO THE CONTRACT AS A NEW APPENDIX AND SHALL READ AS FOLLOWS:

APPENDIX B

SYSTEM REPORTING PRINCIPLES

- A. During the term of the water supply contracts, it is likely that financial reports and financial management reports will change in scope, nature, and frequency. Regardless of the exact reports used, such reports shall follow the below principles and guidelines to the extent applicable.
1. Principle 1: Financial reporting will be generated from the general ledger or data warehouse of the financial information system (system of record), such as SAP. The financial system of record is the authoritative source for financial reporting data values in a system. To ensure data integrity, there must be one, and only one, system of record for financial reporting values.
 2. Principle 2: Financial reporting is not limited to annual financial statements but will be developed for regular reporting periods.
 3. Principle 3: Financial management reporting generated from other financial systems, such as Utility Cost Accounting Billing System (UCABS), will identify and analyze significant variances from prior years or budgets.
 4. Principle 4: Financial reporting and financial management reporting will identify unusual items and exceptions, and these items will be documented, reviewed, and resolved by management.
 5. Principle 5: DWR will use standardized System-wide business rules and utilize a centralized financial system, such as SAP, UCABS, or other system, to provide controls/validations to ensure data integrity and reliable reporting.
 6. Principle 6: DWR will use standardized data integrity rules in the development and publication of reports, including but not limited to the following:
 - (1) Data integrity refers to the accuracy and consistency of data stored in a database, data warehouse, data mart or other construct.
 - (2) Data integrity processes verify that data has remained unaltered in transit from creation to reception or remains unaltered in transit from one system to the next. Data used outside of the Enterprise Resource Planning (ERP) systems to meet the reporting needs of Program will undergo any number of operations in support of decision-making, such as capture, storage, retrieval, update and transfer. It is important to have confidence that during these operations, the data will be kept free from corruption, modification and remain unaltered.
 - (3) Data with “integrity” has a complete or whole structure. Data values are standardized according to a data model and/or data type. All

characteristics of the data must be correct – including business rules, relations, dates, definitions and lineage – for data to be complete.

- (4) Data integrity is imposed within an ERP database when it is created and is authenticated through the ongoing use of error checking and validation routines.
- (5) Data integrity state or condition is to be measured by the validity and reliability of the data values.
- (6) Data integrity service and security maintains information exactly as it was input, and is auditable to affirm its reliability.

The SWRDS Finance Committee is charged with providing financial policy recommendations to the Director, and the Director has final discretion on whether or not to accept the recommendations. While the SWRDS Finance Committee is not charged with reviewing the content of financial reports, timely and accurate financial reporting and financial management reporting provides technical committees access to useful information that can be used to formulate proposals on financial policy matters that may be brought to the SWRDS Finance Committee.

IT IS FURTHER MUTUALLY AGREED that the following provisions, which shall not be part of the Water Supply Contract text, shall be a part of this Amendment and be binding on the Parties.

AMENDMENT IMPLEMENTING AND ADMINISTRATIVE PROVISIONS

1. EFFECTIVE DATE OF CONTRACT EXTENSION AMENDMENT.

(a) The Contract Extension Amendment shall take provisional effect (“provisional effective date pursuant to subparagraph (a)”) on the last day of the calendar month in which both of the following occur: (i) the State and 15 or more Contractors, with an aggregate maximum annual Table A amount exceeding 3,200,000 acre feet, have executed (or committed in a form satisfactory to the State to execute) the Contract Extension Amendment and (ii) no legal action addressing the validity or enforceability of the Contract Extension Amendment or any aspect thereof has been filed within sixty days of such execution or, if filed, a final judgment of a court of competent jurisdiction has been entered sustaining or validating the Contract Extension Amendments. Subject to subparagraph (b), the provisional effective date pursuant to paragraph (a) shall be the Contract Extension Amendment Effective Date if the conditions set out in subparagraph (e) are met.

(b) If any part of the Contract Extension Amendment of any Contractor is determined by a court of competent jurisdiction in a final judgment or order to be invalid or unenforceable, the Contract Extension Amendments of all Contractors shall be of no force and effect except as provided in subparagraph(c).

(c) The unenforceability and lack of effectiveness of all Contractors’ Contract Extension Amendments as provided for in subparagraph (b) may be avoided only if the part of the Contract Extension Amendment determined to be invalid or unenforceable is explicitly waived in writing by the State and 15 or more Contractors, with an aggregate maximum annual Table A amount exceeding 3,200,000 acre feet , in which case the Contract Extension Amendment shall take provisional effect (“provisional effective date pursuant to subparagraph (c)”) on the last day of the calendar month in which the requisite waivers are received, but only as to those Contractors submitting such a waiver in writing, subject to subparagraph (e). The provisional effective date pursuant subparagraph (c) shall become the Contract Extension Amendment Effective Date if the conditions set out in subparagraph (e) are met.

(d) If any Contractor has not executed a Contract Extension Amendment or has not submitted a waiver pursuant to subparagraph (c), whichever is applicable, within sixty (60) days of the provisional effective date pursuant to subparagraph (a) or the provisional effective date pursuant to subparagraph (c), as applicable, the amendment shall not take effect as to such Contractor, unless the Contractor and the State, in its discretion, thereafter execute such Contractor’s contract extension amendment or the Contractor thereafter submits, and the State in its discretion accepts, the waiver, whichever applies, in which case the Contract Extension Amendment

Effective Date for purposes of that Contractor's contract and any associated terms shall be as agreed upon by the State and Contractor.

(e) (1) If at the end of the applicable 60-day period specified in subparagraph (d), 24 or more Contractors with an aggregate maximum annual Table A amount exceeding 3,950,000 acre feet have executed the amendment (or committed to execute the amendment in a form satisfactory to the State) or submitted a waiver pursuant to subparagraph (c), as applicable, the provisional effective date pursuant to subparagraph (a) or the provisional effective date pursuant to subparagraph (c), as applicable, shall become the Contract Extension Amendment Effective Date.

(2) If at the end of the applicable 60 day period specified in subparagraph (d), 24 or more Contractors with an aggregate maximum annual Table A amount exceeding 3,950,000 acre feet have not executed (or committed to execute) the amendment or submitted a waiver pursuant to subparagraph (c), as applicable, then the State, after consultation with the Contractors that have executed (or committed to execute) the amendment or submitted a waiver, as applicable, shall within 30 days following such 60 day period determine in its discretion whether to make the provisional effective date pursuant to subparagraph (a) or the provisional effective date pursuant to subparagraph (c), as applicable, the Contract Extension Amendment Effective Date. The State shall promptly notify all Contractors of the State's determination. If the State determines, pursuant to this subparagraph 1(e)(2) to allow the contract amendment to take effect, it shall take effect only as to those Contractors consenting to the amendment taking effect pursuant to this subparagraph 1(e)(2)

(f) (1) During the pendency of a legal action addressing the validity or enforceability of the Contract Extension Amendment, the State and a minimum of 24 Contractors with an aggregate maximum annual Table A amount exceeding 3,950,000 acre feet which have executed (or committed to execute) the Contract Extension Amendment may agree in writing to waive any limitation barring the Contract Extension Amendment from taking effect until a final judgment of a court of competent jurisdiction has been entered (including to waive the "no force and effect" provision in subsection (b)) and instead allow the Contract Extension Amendment to take effect as to such Contractors, subject to such conditions, if any, agreed upon, by the State and such contractors. In such case, the State shall promptly notify all Contractors of the effective date of the Contract Extension Amendment.

(2) If, during the pendency of a legal action addressing the validity or enforceability of the Contract Extension Amendment, less than 24 Contractors with an aggregate maximum annual Table A amount exceeding 3,950,000 acre feet have agreed in writing to waive any limitation barring the Contract Extension Amendment from taking effect until a final judgment of a court of competent jurisdiction has been entered as provided in subsection (1)(f)(1) above, then a Contractor which has so agreed in writing may request the State to consider allowing the contract extension amendment to take effect with the agreement of less than 24 Contractors. Upon receiving such a request, the State, after consultation with the Contractors that have agreed in writing to waive any limitation as provided in subsection (1)(f)(1) above, may determine in its discretion whether to allow the Contract Extension Amendment to take

effect with less than 24 Contractors agreeing in writing to waive the limitation. The State shall promptly notify all Contractors if the State's determines to allow the Contract Extension Amendment to take effect, and include in such notice the effective date of the Contract Extension Amendment and any conditions that would apply. If the State determines, pursuant to this subparagraph 1(f)(2) to allow the contract amendment to take effect, it shall take effect only as to those Contractors consenting to the amendment taking effect pursuant to subparagraph 1(f)(1).

2. POST BILLING TRANSITION DATE ESTIMATES.

If the State determines it to be necessary, the State may rely on estimates and later true-up for billing and reporting purposes in the initial years after the Billing Transition Date.

3. WAIVER AND RELEASE.

Subject to the Contract Extension Amendment taking effect, the Agency does hereby forever waive, release and discharge the State, and its current and former officers, agents and employees, from any and all past and present protests, claims, damages, actions and causes of action of every kind and description, now existing or hereafter arising, known or unknown, that were or could be or could have been asserted relating to the State's adjustment made prior to the execution date of this Contract Extension Amendment in connection with the proportional responsibility, for System facilities south of and including the Dos Amigos Pumping Plant, between (i) water supply and (ii) recreation and fish and wildlife enhancement.

4. OTHER CONTRACT PROVISIONS.

Except as amended by this amendment, all provisions of the contract shall be and remain the same and in full force and effect, provided, however, that any reference to the definition of a term in Article 1, shall be deemed to be a reference to the definition of that term, notwithstanding that the definition has been re-lettered within Article 1. In preparing a consolidated contract, the parties agree to update all such references to reflect the definitions' lettering within Article 1.

5. COUNTERPART.

This Contract Extension Amendment may be signed in counterpart.

STATE WATER PROJECT WATER SUPPLY CONTRACT EXTENSION AMENDMENT
Execution Version

IN WITNESS WHEREOF, the Parties hereto have executed this Amendment on the date first above written.

Approved as to Legal Form
and Sufficiency:

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

Chief Counsel
Department of Water Resources

Director

Date

CRESTLINE-LAKE ARROWHEAD WATER
AGENCY

Signature

Title

Date

Original signed January 18, 2019.

APPENDIX C

SBVMWD Water Supply Contract

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

Location and Size

The San Bernardino Valley Municipal Water District is located in the San Bernardino Valley, in the southwestern part of San Bernardino County. The District, as of July 1, 1964, encompassed an area of about 150,000 acres and had an estimated population of 275,000.

Water Supply and Utilization

Essentially all water used in the District is at the present time pumped from the underlying ground water basins. There are legal restrictions on the amount of water the major cities of the District, Colton, Redlands and San Bernardino may pump. This coupled with increasing needs resulting from population growth makes a supplemental supply of water essential to the District.

Items of Contract Information Unique to Agency

Date of Contract - Preamble

December 30, 1960

Agency's Principal Place of Business - Preamble

San Bernardino

Estimated Year of Initial Water Delivery - Article 6(a)

1972

Date of Request as to Delivery Structures - Article 10(b)

June 30, 1963

Limit on Instantaneous Rate of Delivery - Article 12(c)

165 cfs (Increased by Amendment No. 2 to 179 cfs.)

NOTES AND COMMENTS

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

CONTRACT BETWEEN
THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
AND SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT
FOR A WATER SUPPLY

December 30, 1960

C O N T E N T S

	<u>Page</u>
A. <u>INTRODUCTORY PROVISIONS</u>	1/1
1. Definitions.....	1/1
2. Term of Contract.....	2/1
3. Validation.....	3/1
4. Option for Continued Service.....	4/1
5. Pledge of Revenues.....	5/1
B. <u>WATER SERVICE PROVISIONS</u>	6/1
6. Annual Entitlements.....	6/1
7. Change in Annual Entitlements; Maximum Annual Entitlement.....	7/1
8. Option to Increase Maximum Annual Entitlement.....	8/1
9. Obligation to Deliver Water Made Available.....	9/1
10. Delivery Structures.....	10/1
11. Measurement of Water Delivered.....	11/1
12. Amounts, Times, and Rates of Delivery.....	12/1
13. Responsibilities for Delivery and Distribution of Water.....	13/1
14. Temporary Discontinuance or Reduction of Delivery.....	14/1
15. Use of Water.....	15/1
16. Continuity and Dependability of Water Supply.....	16/1
17. Construction of Project Facilities.....	17/1
18. Shortage in Water Supply.....	18/1

B. <u>WATER SERVICE PROVISIONS</u> (Continued)	
	<u>Page</u>
19. Water Quality.....	19/1
20. Suspension of Service.....	20/1
21. Interim Sale of Surplus Water.....	21/1
C. <u>PAYMENT PROVISIONS.</u> 22/1	
22. Delta Water Charge.....	22/1
23. Transportation Charge.....	23/1
24. Transportation Charge - Capital Cost Component.....	24/1
25. Transportation Charge - Minimum Operation, Maintenance, Power, and Replacement Component.....	25/1
26. Transportation Charge - Variable Operation, Maintenance, Power, and Replacement Component.....	26/1
27. Transportation Charge - Payment Schedule.....	27/1
28. Transportation Charge - Redetermination....	28/1
29. Time and Method of Payment.....	29/1
30. Surcharge for Water Used on Excess Land.....	30/1
31. Adjustment for Overpayment or Underpayment.....	31/1
32. Delinquency in Payment.....	32/1
33. Obligation of District to Make Payments.....	33/1
34. Obligation of District to Levy Taxes and Assessments.....	34/1
D. <u>GENERAL PROVISIONS.</u> 35/1	
35. Remedies Not Exclusive.....	35/1

D. GENERAL PROVISIONS (Continued)

	<u>Page</u>
36. Amendments.....	36/1
37. Reservation With Respect to State Laws.....	37/1
38. Opinions and Determinations.....	38/1
39. Contracting Officer of the State.....	39/1
40. Successors and Assigns Obligated.....	40/1
41. Assignment.....	41/1
42. Waiver of Rights.....	42/1
43. Notices.....	43/1
44. Maintenance and Inspection of Books, Records, and Reports.....	44/1
45. Contracts to be Uniform.....	45/1
46. Suit on Contract.....	46/1

TABLES

<u>Number</u>	<u>Page</u>
Table A	6/1
Table B	24/2
Table C	24/5
Table D	24/7
Table E	25/3
Table F	26/4
Table G	27/2

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
FOR A WATER SUPPLY

THIS CONTRACT, made this 30th day of December, 1960, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and San Bernardino Valley Municipal Water District, a public agency in the State of California, duly organized, existing, and acting pursuant to the laws thereof with its principal place of business in San Bernardino, California, herein referred to as the "District",

WITNESSETH, That:

WHEREAS, the State is authorized to construct and operate facilities for the storage and conveyance of water, certain of which facilities will make water available to the District; and

WHEREAS, funds will be provided under the California Water Resources Development Bond Act for the construction of said facilities; and

WHEREAS, the District is desirous of obtaining a supply of water from the State;

NOW THEREFORE, it is mutually agreed as follows:

A. INTRODUCTORY PROVISIONS

1. Definitions. When used in this contract, the following terms shall have the meanings hereinafter set forth:

(a) "Bond Act" shall mean the California Water Resources Development Bond Act, comprising Chapter 8, commencing at Section 12930, of Part 6 of Division 6 of the Water Code, as enacted in Chapter 1762 of the Statutes of 1959.

(b) "System" shall mean the State Water Resources Development System as defined in Section 12931 of the Water Code.

(c) "Delta" shall mean the Sacramento-San Joaquin Delta as defined in Section 12220 of the Water Code on the date of approval of the Bond Act by the voters of the State of California.

(d) "Contractor" shall mean any entity contracting with the State for a dependable supply of water made available by the System, except such water as is made available by the facilities specified in Section 12934(d)(6) of the Water Code.

(e) "Project facilities" shall mean those facilities of the System which will, in whole or in part, serve the purposes of this contract by conserving water and making it available for use in and above the Delta and for export from the Delta, and by conveying water to the District. Said project facilities shall consist specifically of "project conservation facilities" and "project transportation facilities", as hereinafter defined.

(f) "Project conservation facilities" shall mean such project facilities as are presently included, or as may be added in the future, under (g) and (h) below.

(g) "Initial project conservation facilities"

shall mean the following project facilities specified in Section 12934(d) of the Water Code:

(1) All those facilities specified in subparagraph (1) thereof.

(2) Those facilities specified in subparagraph (3) thereof to the extent that they serve the purposes of water conservation in the Delta, water supply in the Delta, and transfer of water across the Delta.

(3) A reservoir near Los Banos in Merced County as specified in subparagraph (2) thereof.

(4) The reach of the San Joaquin Valley-Southern California Aqueduct extending from the Delta to a reservoir near Los Banos in Merced County, to the extent required for water conservation through conveyance of water diverted from the Delta to offstream storage in said reservoir as determined by the State.

(5) Those facilities specified in subparagraph (5) thereof which are incidental to the facilities included under (1), (2), (3), and (4) above.

(6) Those facilities specified in subparagraph (7) thereof which are necessary and appurtenant to the facilities included under (1), (2), (3), (4), and (5) above.

(h) "Additional project conservation facilities" shall mean those project facilities provided for in Section 12938 of the Water Code which will serve the purpose of preventing

any reduction in the minimum project yield, as hereinafter defined, below the total of the maximum annual entitlements of all contractors.

(1) "Project transportation facilities" shall mean the following project facilities specified in Section 12934(d) of the Water Code:

(1) All those facilities specified in subparagraph (2) thereof except: The reservoir near Los Banos in Merced County; the reach of the San Joaquin Valley-Southern California Aqueduct extending from the Delta to the reservoir near Los Banos in Merced County, to the extent required for water conservation as determined by the State; the North Bay Aqueduct extending to a terminal reservoir in Marin County; the South Bay Aqueduct extending to terminal reservoirs in the Counties of Alameda and Santa Clara; the Pacheco Pass Tunnel Aqueduct extending from a reservoir near Los Banos in Merced County to a terminus in Pacheco Creek in Santa Clara County; the Coastal Aqueduct beginning on the San Joaquin Valley-Southern California Aqueduct in the vicinity of Avenal, Kings County, and extending to a terminus at the Santa Maria River; and the West Branch Aqueduct extending from the South Portal of the Tehachapi Tunnels to a terminus in the vicinity of Newhall, Los Angeles County.

(2) Those facilities specified in subparagraph (5) thereof which are incidental to the facilities included under (1) above.

(3) Those facilities specified in subparagraph (7) thereof which are necessary and appurtenant to the facilities included under (1) and (2) above.

(j) "East Branch Aqueduct" shall mean that portion of the San Joaquin Valley-Southern California Aqueduct specified in Section 12934(d)(2) of the Water Code extending from the South Portal of the Tehachapi Tunnels to a terminus in the vicinity of Perris, Riverside County.

(k) "Project water" shall mean water made available for delivery to the contractors by the project conservation facilities and the transportation facilities included in the System.

(l) "Minimum project yield" shall mean the dependable annual supply of project water to be made available, estimated to be 4,000,000 acre-feet per year, said amount to be determined by the State on the basis of coordinated operation studies of initial project conservation facilities and additional project conservation facilities, which studies shall be based upon:

(1) The estimated relative proportion of deliveries for agricultural use to deliveries for municipal use for the year 1990, and the characteristic distributions of demands for these two uses throughout the year.

(2) An allowable reduction in the agricultural use portion of the minimum project yield, due to drought, of not to exceed fifty percent (50%) in any one year, nor a total of one hundred percent (100%) of one year's supply in any series of seven consecutive years.

(3) Agreements now in effect or as hereafter amended or supplemented between the State and the United States and others regarding the diversion or utilization of waters of the Delta or streams tributary thereto.

(m) "Annual entitlement" shall mean the amount of project water to be made available to a contractor during the respective year, at the delivery structures provided for such contractor, under the terms of its contract with the State.

(n) "Maximum annual entitlement" shall mean the maximum amount of project water to be made available to a contractor in any one year, at the delivery structures provided for such contractor, under the terms of its contract with the State.

(o) "Supplemental conservation facilities" shall mean those facilities provided for in Section 12938 of the Water Code which will serve the purpose of supplying water in addition to the total of the maximum annual entitlements of all contractors, or in addition to the minimum project yield, if greater than said total, and for meeting local needs.

(p) "Supplemental water" shall mean water made available by supplemental conservation facilities, in excess of the total of the maximum annual entitlements of all contractors, or in excess of the minimum project yield, if greater than said total.

(q) "Year" shall mean the 12-month period from January 1 through December 31, both dates inclusive.

(r) "Year of initial water delivery" shall mean the year when project water will first be available for delivery to a contractor pursuant to its contract with the State.

(s) "Project interest rate" shall mean the weighted average of the interest rates paid by the State on bonds issued under the Bond Act without regard to any premiums received

on the sale thereof. Until bonds are issued and sold under the Bond Act, the project interest rate shall be four percent (4%) per annum, and after said bonds have been issued said rate shall be computed as a decimal fraction to five places.

(t) "Capital costs" shall mean all costs incurred subsequent to authorization of a facility for construction by the Legislature or by administrative action pursuant to Section 11290 of the Water Code and to the Bond Act, including those so incurred prior to the beginning of the project repayment period as herein defined and any accrued unpaid interest charges thereon at the rates specified herein, which are properly chargeable to the construction of and the furnishing of equipment for the facilities of the System, including the costs of surveys, engineering studies, exploratory work, designs, preparation of construction plans and specifications, acquisition of lands, easements and rights-of-way, relocation work, and essential administrative work in connection therewith, all as shown upon the official records of the Department of Water Resources.

(u) "Project revenues" shall mean revenues derived from the service of project water to contractors and others, and from the sale or other disposal of electrical energy generated in connection with operation of project facilities.

(v) "Project repayment period" shall mean that period of years commencing on the first day of the year which immediately follows the year in which the State, after approval of the Bond Act by the voters of the State of California, first

expends money for construction of any facility of the System, and extending until all bonds secured by the pledge of revenues provided for by the Bond Act have been repaid.

(w) "Municipal use" shall mean all those uses of water common to the municipal water supply of a city, town, or other similar population group, including uses for domestic purposes, uses for the purposes of commerce, trade or industry, and any other use incidental thereto for any beneficial purpose.

(x) "Manufacturing use" shall mean any use of water primarily in the production of finished goods for market.

(y) "Agricultural use" shall mean any use of water primarily in the production of plant crops or livestock for market, including any use incidental thereto for domestic or stock-watering purposes.

(z) "Subject to approval by the State" shall mean subject to the determination and judgment of the State as to acceptability.

(aa) "Area of origin statutes" shall mean Section 10505 and Sections 11460 through 11463 of the Water Code as now existing or hereafter amended.

2. Term of Contract. This contract shall become fully effective on the ninety-first (91st) day after the adjournment of the 1961 Regular Session of the State Legislature and shall remain in effect throughout the entire project repayment period, or for seventy-five (75) years from said effective date, whichever period is longer: Provided, That if, by any legislative process initiated during said session of the Legislature, there is enacted into law any legislation which is inconsistent with any of the terms and conditions of this contract or which would require changes therein, this contract shall be subject to such legislation and thereupon shall become void and shall be of no further force or effect unless the District, within a period of one hundred eighty (180) days after the effective date of such legislation agrees to and executes appropriate amendments incorporating necessary modifications in this contract consistent with such legislation: Provided further, That unless otherwise specifically directed by the Legislature, Article 17(d) of this contract, limiting the sale of bonds and expenditure of funds under the authority of the Bond Act, shall not be so modified: Provided further, That no bonds shall be sold nor funds expended under the authority of the Bond Act until the expiration of said period of one hundred eighty (180) days after the effective date of such legislation, except for costs of: (1) surveys, engineering studies, exploratory work, designs, preparation of construction plans and specifications, acquisition of lands, easements, and rights-of-way, relocation work, and essential administrative work in connection therewith; (2) construction for which appropriations had been made prior to approval of the Bond Act by the voters of

the State of California; and (3) construction of facilities pursuant to an agreement between the State and the United States: Provided further, That no financial obligation of the District to the State shall arise or be enforceable hereunder unless and until the validity of this contract is established by final judgment or decree of a court of competent jurisdiction.

3. Validation. Within one (1) year after the effective date of this contract, the District shall submit this contract to a court of competent jurisdiction for determination of its validity by a proceeding in mandamus or other appropriate proceeding or action, which proceeding or action shall be diligently prosecuted to final decree or judgment. In the event that this contract is determined to be invalid by such final decree or judgment, the State shall make all reasonable efforts to obtain validating legislation at the next session of the Legislature empowered to consider such legislation, and within six (6) months after the close of such session, if such legislation shall have been enacted, the District shall submit this contract to a court of competent jurisdiction for redetermination of its validity by appropriate proceeding or action, which proceeding or action shall be diligently prosecuted to final decree or judgment.

4. Option for Continued Service. By written notice to the State at least six (6) months prior to the expiration of the term of this contract, the District may elect to receive continued service after expiration of said term under the following conditions unless otherwise agreed to:

- (1) Service of water in annual amounts up to and including the District's maximum annual entitlement hereunder.
- (2) Service of water at no greater cost to the District than would have been the case had this contract continued in effect.
- (3) Service of water under the same physical conditions of service, including time, place, amount and rate of delivery, as are provided for hereunder.
- (4) Retention of the same chemical quality objective provision as is set forth herein.
- (5) Retention of the same options to utilize the project transportation facilities as are provided for in Articles 18(b) and 18(c), to the extent such options are then applicable.

Other terms and conditions of the continued service shall be reasonable and equitable and shall be mutually agreed upon. In the event that said terms and conditions provide for continued service for a limited number of years only, the District shall have the same option to receive continued service here provided for upon the expiration of that and each succeeding period of continued service.

5. Pledge of Revenues. This contract is entered into for the direct benefit of the holders and owners of all general obligation bonds issued under the Bond Act, and the income and revenues derived from this contract are pledged to the purposes and in the priority set forth in that act.

B. WATER SERVICE PROVISIONS

6. Annual Entitlements.

(a) The year of initial water delivery to the District is presently estimated to be 1972, but shall be determined pursuant to Article 17(a). To the extent practicable, the State shall notify the District of any change in this estimate.

(b) Commencing with the year of initial water delivery to the District, the State each year shall make available for delivery to the District the amounts of project water designated in the following table, which amounts shall be subject to change as provided for in Article 7(a) hereof and are referred to in this contract as the District's annual entitlements:

TABLE A

**ANNUAL ENTITLEMENTS
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

<u>Year</u>	<u>Total Annual Amount in Acre-feet</u>
1	15,000
2	17,000
3	19,200
4	21,200
5	23,200
6	25,200
7	27,200
8	29,300
9	31,300
10	33,400
11	39,000
12	44,600
13	50,200
14	55,900
15	61,400
16	67,100
17	72,800
18	78,400
19	84,100
20	90,000

And each succeeding year thereafter, for the term of this contract: 90,000

(c) Subject to the availability of funds, the State shall make all reasonable efforts consistent with sound fiscal policies, reasonable construction schedules, and proper operating procedures to complete the project facilities necessary for delivery of project water to the District in such manner and at such times that said delivery can commence in or before the year of initial water delivery to the District, and can continue in the amounts designated in Table A.

7. Change in Annual Entitlements; Maximum Annual Entitlement.

(a) The District may, at any time or times during the term of this contract, by timely written notice furnished to the State, request that project water be made available to it thereafter in annual amounts greater or less than the annual entitlements designated in Table A, included in Article 6(b). Subject to approval by the State of any such request, the State's construction schedule shall be adjusted to the extent necessary to satisfy the request, and the requested increases or decreases in said annual entitlements shall be incorporated in Table A by amendment thereof: Provided, That no such change shall be approved if, in the judgment of the State, it would impair the financial feasibility of the project facilities.

(b) The maximum amount of project water to be made available to the District in any one year under this contract shall be 90,000 acre-feet, referred to in this contract as the District's maximum annual entitlement, and in no event shall such maximum amount of project water to be made available to the District be increased over this amount, except as is provided for in Articles 8 and 15(c).

(c) In the event that the State enters into a contract with a contractor for service of project water to an area outside the District, which area (as shown upon maps marked Exhibit A and Exhibit B, attached hereto and by express reference made a part hereof) is proposed to be served by the District with project water made available pursuant to this contract, provision

being made therefor in Table A included in Article 6(b), the State shall appropriately reduce the District's annual entitlements and maximum annual entitlement hereunder, effective on the effective date of said contract for service of project water by the State to such area outside the District: Provided, That such reductions shall not exceed the amounts of said contractor's annual entitlements and maximum annual entitlement under its contract. Upon any reduction in the District's annual entitlements and maximum annual entitlement pursuant to this subdivision, the State shall appropriately reduce: (1) the delivery capabilities to be provided in the project transportation facilities for service to the District, and (2) the District's payment obligations hereunder.

8. Option to Increase Maximum Annual Entitlement. In the event that the maximum annual entitlements under all contracts executed by the State on or before December 31, 1963, do not aggregate the amount of the minimum project yield as herein defined, the State shall immediately notify the District and all other contractors, and the District may elect to become entitled to the uncontracted for portion of the minimum project yield in or up to an amount which bears the same ratio to such uncontracted for portion as the District's maximum annual entitlement bears to the total of the maximum annual entitlements of all contractors as of that date: Provided, That such option may be exercised only to the extent that the water involved can be put to beneficial use within a reasonable period of time. Such option shall become effective on the date that the District receives said notice from the State and shall remain in effect through September 30, 1964. If the full amount of such uncontracted for portion of the minimum project yield is not preempted by the District under this option and by other contractors through the exercise of similar options on or before September 30, 1964, the District may request that it become entitled to any amount of such water not so preempted. Such request shall be subject to approval by the State and shall be considered in the light of all similar requests from other contractors. The State shall approve such request only to the extent that the water involved can be put to beneficial use within a reasonable period of time. Upon the exercise of such option or upon the approval of

such request the District's maximum annual entitlement under Article 7(b) shall be increased by the amount of the additional entitlement thereby obtained by amendment of that article, and the District shall become obligated and hereby agrees to pay to the State a proportionate share of the costs attributable to such increase in accordance with cost allocation principles and procedures set forth in this contract. The service of and payment for said increased entitlement shall in all respects be subject to the terms and conditions of this contract.

9. Obligation to Deliver Water Made Available.

Project water made available to the District pursuant to Article 6(b) shall be delivered to the District by the State at the delivery structures established in accordance with Article 10. At any time or times the District may refuse to accept delivery of water made available to it: Provided, That in such event, the District shall remain obligated to make all payments required under this contract.

10. Delivery Structures.

(a) Project water made available to the District pursuant to this contract shall be delivered to the District at such locations and times and through delivery structures of such capacities as are requested by the District and approved by the State.

(b) Pursuant to subdivision (a) of this article, the District shall furnish to the State on or before June 30, 1963, its written requests as to:

(1) The location of delivery structures for delivery of project water to it.

(2) The time at which project water is first to be delivered through each such delivery structure.

(3) The maximum instantaneous flow capacity in cubic feet per second to be provided in each such delivery structure.

(4) The maximum amount of water in acre-feet to be delivered in any one month through each such delivery structure.

(5) The total combined maximum instantaneous flow capacity in cubic feet per second to be provided by all such delivery structures.

(6) The total maximum amount of water in acre-feet to be delivered in any one month through all such delivery structures.

(c) From time to time the District may request delivery structures in addition to those requested pursuant to subdivision (b) of this article.

(d) The District shall pay all of the costs of delivery structures for the delivery of project water to it, and shall deposit with the State, prior to the commencement of construction of any such delivery structure, an amount of money estimated by the State to be sufficient to cover the costs thereof.

11. Measurement of Water Delivered.

(a) The State shall measure all project water delivered to the District and shall keep and maintain accurate and complete records thereof. For this purpose, the State shall install, operate, and maintain at all delivery structures for delivery of project water to the District such measuring devices and equipment as are satisfactory and acceptable to both parties. Said devices and equipment shall be examined, tested, and serviced regularly to insure their accuracy. At any time or times, the District or any other contractor may inspect such measuring devices and equipment, and the measurements and records taken therefrom.

(b) The District shall pay all of the costs of acquiring and installing the measuring devices and equipment provided for in subdivision (a) of this article, and shall deposit with the State, prior to such acquisition and installation, an amount of money estimated by the State to be sufficient to cover such costs.

12. Amounts, Times, and Rates of Delivery.

(a) The amounts, times, and rates of delivery of project water to the District during any year shall be in accordance with a water delivery schedule for that year, such schedule to be determined in the following manner:

(1) On or before October 1 of each year, the District shall submit in writing to the State a preliminary water delivery schedule, subject to the provisions of this article and Articles 6(b), 7(b), 10, and 17, indicating the amounts of water desired by the District during each month of the succeeding five (5) years.

(2) Upon receipt of a preliminary schedule the State shall review it and, after consultation with the District, shall make such modifications in it as are necessary to insure that the amounts, times, and rates of delivery to the District will be consistent with the State's overall delivery ability, considering the then current delivery schedules of all contractors. On or before December 1 of each year, the State shall determine and furnish to the District the water delivery schedule for the next succeeding year which shall show the amounts of water to be delivered to the District during each month of that year.

(3) A water delivery schedule may be amended by the State upon the District's written request. Proposed amendments shall be submitted by the District within a reasonable time before the desired change is to become effective, and shall be subject to review and modification by the State in like manner as the schedule itself.

(b) In no event shall the State contract to deliver to any contractor through all delivery structures provided for such contractor a total amount of project water in any year greater than the contractor's annual entitlement for that year; nor to deliver to any contractor from the project transportation facilities downstream from Pumping Plant VI in any one month of any year a total amount of project water greater than eleven percent (11%) of such contractor's annual entitlement for that year; nor to deliver to any contractor from the project transportation facilities upstream from said Pumping Plant VI in any one month of any year a total amount of project water greater than the sum of eighteen percent (18%) of that portion of such contractor's annual entitlement for that year to be put to agricultural use, as determined by the State, and eleven percent (11%) of that portion of such contractor's annual entitlement for that year to be put to municipal use, as determined by the State: Provided, That if the State delivers project water to any contractor through delivery structures both downstream and upstream from said Pumping Plant VI, the foregoing limitations shall be based on an appropriate apportionment of such contractor's annual entitlement for the respective year to the respective portions of such contractor's service area to which delivery is made from the project transportation facilities downstream from said Pumping Plant VI and from the project transportation facilities upstream therefrom: Provided further, That the respective percentages set forth hereinabove may be revised for a particular contractor by amendment of this subdivision after submission to the State of that contractor's requests with respect to maximum monthly deliveries, such revision

-12/2-

being subject to approval by the State and subject to advancement to the State by the contractor of funds sufficient to cover any additional costs of the project transportation facilities occasioned thereby, the amount of such funds to be determined pursuant to Article 24(d).

(c) In no event shall the State be obligated to deliver water to the District through all delivery structures at a total combined instantaneous rate of flow exceeding one hundred sixty-five (165) cubic feet per second, except as this rate of flow may be revised by amendment of this article after submission to the State of the District's requests with respect to maximum flow capacities to be provided in said delivery structures, pursuant to Article 10.

(d) If in any year the State, as a result of causes beyond its control, is unable to deliver any portion of the District's annual entitlement for such year under Table A, included in Article 6(b), as provided for in the delivery schedule established for that year, the District may elect to receive the amount of water which otherwise would have been delivered to it during such period at other times during the year or the next succeeding year, to the extent that such water is then available and such election is consistent with the State's overall delivery ability, considering the then current delivery schedules of all contractors.

13. Responsibilities for Delivery and Distribution of Water.

(a) Neither the State nor any of its officers, agents, or employees shall be liable for the control, carriage, handling, use, disposal, or distribution of project water supplied to the District after such water has passed the delivery structures established in accordance with Article 10; nor for claim of damage of any nature whatsoever, including but not limited to property damage, personal injury or death, arising out of or connected with the control, carriage, handling, use, disposal or distribution of such water beyond said delivery structures; and the District shall indemnify and hold harmless the State and its officers, agents, and employees from any such damages or claims of damages.

(b) Neither the District nor any of its officers, agents, or employees shall be liable for the control, carriage, handling, use, disposal, or distribution of project water before such water has passed the delivery structures established in accordance with Article 10; nor for claim of damage of any nature whatsoever, including but not limited to property damage, personal injury or death, arising out of or connected with the control, carriage, handling, use, disposal, or distribution of such water before it has passed said delivery structures.

14. Temporary Discontinuance or Reduction of Delivery.

(a) The State may temporarily discontinue or reduce the delivery of project water to the District hereunder for the purposes of necessary investigation, inspection, maintenance, repair, or replacement of any of the project facilities necessary for the delivery of project water to the District. The State shall notify the District as far in advance as possible of any such discontinuance or reduction, except in cases of emergency, in which case notice need not be given.

(b) In the event of any discontinuance or reduction of delivery of project water pursuant to subdivision (a) of this article, the District may elect to receive the amount of water which otherwise would have been delivered to it during such period under the water delivery schedule for that year at other times during the year or the next succeeding year, to the extent that such water is then available and such election is consistent with the State's overall delivery ability, considering the then current delivery schedules of all contractors.

15. Use of Water.

(a) No sale or other disposal of project water delivered to the District pursuant to this contract shall be made by the District for use of such water outside the District which would, in the judgment of the State, materially impair the District's capacity to make payments to the State as provided for in this contract. Except insofar as such water is sold by the District to the United States, the State of California, or to purchasers for use within areas which are outside the areas proposed to be served by the State with water made available by the System, project water delivered to the District pursuant to this contract shall not be sold or otherwise disposed of by the District for use outside the District without the prior written consent of the State. The District shall notify the State as promptly as feasible of all sales or other disposals of project water made or proposed to be made by the District for use outside the District.

(b) While this contract is in effect, no change shall be made in the organization of the District which would materially impair the District's capacity to make payments to the State as provided for herein. The District shall notify the State as promptly as feasible of any change or proposed change in the District's boundaries.

(c) In the event of annexation by the District of territory lying within an area served or to be served by the State with project water pursuant to a contract between the State and another contractor, and subject to the consummation of appropriate agreements between the State, the District, and such

other contractor, the District's annual entitlements and maximum annual entitlement under this contract shall be increased by the amounts of the annual entitlements and maximum annual entitlement, respectively, contracted for by said contractor for use in said annexed territory. In the event of annexation by the District of territory lying within an area proposed to be served by the State with project water, but for which no contract has been executed by the State for service of project water for use in such annexed territory, the District's annual entitlements and maximum annual entitlement under this contract, at the request of either the State or the District, shall be increased by the amounts of the prospective annual entitlements and maximum annual entitlement, respectively, allocated or assigned by the State for use in said annexed territory. Upon any increase in the District's annual entitlements and maximum annual entitlement pursuant to this subdivision, Table A included in Article 6(b), and Article 7(b) shall be amended accordingly and the District shall become obligated and hereby agrees to pay to the State a proportionate share of the costs attributable to such increase in accordance with cost allocation principles and procedures set forth in this contract. The service of and payment for such increased annual entitlements and maximum annual entitlement shall in all respects be subject to the terms and conditions of this contract.

16. Continuity and Dependability of Water Supply.

(a) The District's maximum annual entitlement hereunder, together with the maximum annual entitlements of all other contractors, shall aggregate no more than the minimum project yield as defined herein and in no event more than 4,000,000 acre-feet of project water.

(b) The State shall make all reasonable efforts to perfect and protect water rights necessary for the System and for the satisfaction of water supply commitments under this contract.

(c) Commencing within two (2) years from the year of initial water delivery to the District, the State shall submit to the District at five-year intervals a report on the State's ability to meet future demands for project water and for supplemental water, and on the State's plans for constructing additional project conservation facilities and supplemental conservation facilities. Such reports shall include all estimates, projections, and other data which the State deems relevant thereto.

(d) Bond funds required to be expended for the construction of additional facilities of the System under the provisions of Section 12938 of the Water Code shall be expended only for construction of additional project conservation facilities as defined herein, and related, appurtenant facilities necessary and desirable to meet local needs: Provided, That if at any time after 1985 the State finds that a part or all of such bond funds are not then required for the above purpose, and will not be so required within the next succeeding ten (10) years, such bond

funds may be used, to the extent permitted in the Bond Act, to construct supplemental conservation facilities as defined herein.

(e) In planning and designing supplemental conservation facilities the State shall give consideration to the requirements and demands for supplemental water of the District and others who have contracted for project water. Entitlements to supplemental water shall be obtained, and repayment therefor shall be arranged, in contracts separate from contracts for project water.

17. Construction of Project Facilities.

(a) Subject to the rights of the District under subdivision (b) of this article and the other provisions of this contract, the State shall provide in each aqueduct reach of the project transportation facilities such maximum monthly delivery capability for the transport and delivery of project water to the District as, in the judgment of the State, will best serve the interests of the District and all other contractors entitled to delivery of project water from or through said facilities:

Provided, That within three (3) months after either the effective date of this contract or the execution of any amendments to this contract pursuant to the first proviso in Article 2, whichever is later, the District shall furnish to the State a written request specifying such maximum monthly delivery capabilities, and the State shall give full consideration to such request in planning and designing said facilities. On or before June 30, 1963, the District shall furnish to the State its written request specifying the year of initial water delivery to the District: Provided, That said year of initial water delivery shall not be specified to be earlier than 1972. Said year of initial water delivery to the District shall be as so requested by the District: Provided, That in the event said request is, in the judgment of the State, incompatible with similar requests received from other contractors to be served from or through the East Branch Aqueduct, which contractors have executed contracts with the State on or before June 30, 1963, the timing of first deliveries of project water to the District and such other contractors from said East

Branch Aqueduct shall be as established by mutual agreement among the State, the District, and said contractors: Provided further, That if such agreement has not been reached on or before December 31, 1963, the State may then construct said East Branch Aqueduct in accordance with such construction schedule as, in the judgment of the State, will best serve the interests of all those contractors whose service areas are located south of the South Portal of the Tehachapi Tunnels and which have executed contracts with the State on or before June 30, 1963.

(b) The State shall design and construct the project transportation facilities so as to provide in each reach thereof, including reservoirs, the capacity necessary to enable delivery of project water in each year to the District and to other contractors in the maximum monthly amounts and at the locations, times, and maximum rates specified or provided for in their respective contracts for such year, and shall include in each such reach such capacity as is economically justified in the judgment of the State to compensate for scheduled outages for purposes of necessary investigation, inspection, maintenance, repair or replacement of project facilities, and for losses of water due to evaporation, leakage, seepage, or other causes. Subject to Articles 6(b), 7(b), 12(b), and 12(c), the capacity so to be provided by the State for each reach of the project transportation facilities necessary for transporting water to the District shall be sufficient to enable delivery to the District in each month of any year of an amount of water up to but not exceeding eleven percent (11%) of the District's annual entitlement for the respective year and, upon completion of the project facilities, to enable delivery to the District in each

month of any year of an amount of water up to but not exceeding eleven percent (11%) of the District's maximum annual entitlement: Provided, That regulatory storage reservoirs included in the project transportation facilities may be utilized in conjunction with conveyance capacity provided in said facilities for delivery to the District of the foregoing monthly amounts, subject to the retention at all times, except during periods of emergency, in each reservoir on the East Branch Aqueduct of an amount of stored water reasonably sufficient to meet emergency requirements of the District for project water during the respective year.

(c) The District shall have a reasonable opportunity to inspect and study the State's plans and specifications for all project facilities during the planning stage and prior to the solicitation of bids for the construction thereof, and may make comments and recommendations thereon to the State. Such privilege shall also extend to any plans and specifications or proposed agreements for the use by the State, in conjunction with the project facilities, of facilities owned by an entity other than the State. The State shall not enter into any such agreement which would impair the State's ability to perform fully its obligations under this contract.

(d) No bonds shall be sold nor funds expended under the authority of the Bond Act for the construction of any aqueduct or appurtenance thereto included in the System unless and until contracts are executed which will insure the recovery by the State of at least seventy-five percent (75%) of those capital costs of the particular aqueduct and any appurtenances thereto which shall be reimbursable by the contractors as determined by the State; nor

shall any bonds be sold or funds expended under the authority of the Bond Act for the construction of any project conservation facility or supplemental conservation facility, unless and until contracts are executed which, together with estimated revenues from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities and supplemental conservation facilities, will insure the recovery by the State of at least seventy-five percent (75%) of those capital costs of the particular facility which shall be reimbursable by the contractors as determined by the State: Provided, That the foregoing limitations shall not apply with respect to: (1) surveys, engineering studies, exploratory work, designs, preparation of construction plans and specifications, acquisition of lands, easements and rights of way, relocation work, and essential administrative work in connection therewith; (2) construction for which appropriations had been made prior to approval of the Bond Act by the voters of the State of California; and (3) construction of facilities pursuant to an agreement between the State and the United States.

(e) The State shall make all reasonable efforts to commence construction of the project transportation facilities on or before June 30, 1963. In the event that no contract for construction of project transportation facilities south of the San Luis Canal of the San Luis unit of the Federal Central Valley Project has been let on or before December 31, 1964, and that no bonds have been issued nor funds expended for construction of said facilities by that date, the District at any time after December 31, 1964, may at its option terminate this contract by giving notice of such termination to the State, such termination to be effective six (6) months after the

giving of such notice, whereupon both parties hereto shall be relieved of all further obligations hereunder: Provided, That if the District has not theretofore given such notice, this option shall expire upon the letting by the State of a contract for construction of said facilities at any time after March 31, 1965.

(f) In the event that the State fails or is unable to complete construction of any portion or portions of the project transportation facilities necessary to deliver water to the District as provided in this contract, and gives the District written notice thereof, or by reason of such failure or inability construction of said facilities has ceased for a period of two and one-half ($2\frac{1}{2}$) years, the District, if it be not then in default and without exclusion of such other rights as it may have under this contract, may exercise the following options:

(1) The District may provide funds to the State in such amounts and at such times as may be necessary to enable the State to complete construction of such incompleated portion or portions of the project transportation facilities to the extent necessary for the transport and delivery of water to the District as provided for in this contract: Provided, That the State shall be and remain the owner of such project transportation facilities or portions thereof constructed in whole or in part with funds provided by the District, and shall be and remain obligated to operate, maintain, repair and replace such facilities to the full extent contemplated in this contract: Provided further, That the amount of any funds so provided by the District shall be credited by the State against the District's payment obligation under the

capital cost component of the Transportation Charge, but the District shall be and remain obligated to pay its share of any capital costs of the above-described facilities not paid for with such funds, together with its proportionate share of the operation, maintenance, power and replacement costs of such facilities.

(2) The District may at its own expense, and on a joint venture basis if such an arrangement is made with other contractors having similar options, connect to the project transportation facilities constructed by the State for the purpose of receiving project water to which it is entitled under this contract. In such event and notwithstanding any other provisions of this contract, the structures for delivery of project water to the District pursuant hereto shall thereafter be deemed to be located at such point of connection. Specific arrangements for acquiring, constructing, operating, maintaining, and replacing the District's facilities at the point of connection thereof with the State's facilities shall be in accordance with terms and conditions mutually agreed upon by the parties: Provided, That the State shall be and remain the owner of all facilities constructed by it to said point of connection, and the District shall be and remain obligated to pay its proportionate share of the costs thereof.

18. Shortage in Water Supply.

(a) In any year in which there may occur a shortage due to drought or other temporary cause in the supply of project water available for delivery to the contractors, with the result that such supply is less than the total of the annual entitlements of all contractors for that year, the State shall, before reducing deliveries of project water to all contractors, reduce the delivery of project water to each contractor using such water for agricultural purposes by a percentage, not to exceed fifty percent (50%) in any one year or a total of one hundred percent (100%) in any series of seven consecutive years, of that portion of the contractor's annual entitlement for the respective year which is to be put to agricultural use as determined by the State; Provided, That such percentage shall be the same for all such contractors. The maximum total reduction in deliveries allowable under the above provision shall be made before any reduction is made in project water deliveries for other uses. Any necessary reduction in deliveries of project water beyond said maximum total reduction allowable under the foregoing provision shall be apportioned among all contractors irrespective of the uses to which such water is to be put. In such event, the State shall reduce deliveries to each contractor in an amount which bears the same proportion to the total amount of such necessary further reduction that the contractor's annual entitlement bears to the total of the annual entitlements of all contractors for that year, all as determined by the State; Provided, That the State may apportion on some other basis if such is required to meet minimum demands for domestic supply, fire protection, or sanitation during the year. The foregoing provisions of this

subdivision shall be inoperative to the extent that a contractor's annual entitlement for the respective year reflects established rights under the area of origin statutes precluding a reduction in deliveries to such contractor.

(b) In the event that the State is unable to construct sufficient additional conservation facilities to prevent a reduction in the minimum project yield below the total of the maximum annual entitlements of all contractors, or if for any other reason there is such reduction in the minimum project yield, which, notwithstanding preventive or remedial measures taken or to be taken by the State, threatens a permanent shortage in the supply of project water to be made available to the contractors:

(1) The annual entitlements and the maximum annual entitlements of all contractors, except to the extent such entitlements may reflect established rights under the area of origin statutes, shall, by amendment of Table A, included in Article 6(b), and of Article 7(b), respectively, be reduced proportionately by the State to the extent necessary so that the sum of the revised maximum annual entitlements of all contractors will then equal such reduced minimum project yield: Provided, That appropriate adjustment in the contractors' respective financial obligations to the State under the Transportation Charge shall be made in accordance with such reduced entitlements if such reductions have not been strictly proportionate throughout.

(2) The District, at its option, shall have the right to use any of the project transportation facilities which by reason of such reduction in the minimum project yield are not required for delivery of project water to the District, to transport

water procured by it from any other source: Provided, That such use shall be within the limits of the capacities provided in the project transportation facilities for service to the District under this contract: Provided further, That except to the extent such limitation in Section 12931 of the Water Code be changed, the District shall not use the project transportation facilities under this option to transport water the right to which was secured by the District through eminent domain unless such use be approved by the Legislature by concurrent resolution with a majority of the members elected to each house voting in favor thereof.

(c) In the event that the State, because of the establishment by a party of a prior right to water under the provisions of Sections 11460 through 11463 of the Water Code, enters into a contract with such party for a dependable supply of project water, which contract will cause a permanent shortage in the supply of project water to be made available to the District hereunder:

(1) The State shall: (i) equitably redistribute the costs of all transportation facilities included in the System among all contractors for project water, taking into account the diminution of the supply to the District and other prior contractors and the payments theretofore made by the District and other prior contractors in accordance with the terms of their contracts, and (ii) revise the District's annual entitlements and maximum annual entitlement, by amendment of Table A, included in Article 6(b), and of Article 7(b), respectively, to correspond to the reduced supply of project water to be made available to the District: Provided, That such redistribution of costs of transportation facilities shall not be made

until there has been reasonable opportunity for the District to exercise the option provided for in (2) below, and for other prior contractors to exercise similar options.

(2) The District, at its option, shall have the right to use any of the project transportation facilities which by reason of such permanent shortage in the supply of project water to be made available to the District are not required for delivery of project water to the District, to transport water procured by it from any other source: Provided, That such use shall be within the limits of the capacities provided in the project transportation facilities for service to the District under this contract: Provided further, That, except to the extent such limitation in Section 12931 of the Water Code be changed, the District shall not use the project transportation facilities under this option to transport water the right to which was secured by the District through eminent domain unless such use be approved by the Legislature by concurrent resolution with a majority of the members elected to each house voting in favor thereof. This option shall terminate upon a redistribution of costs of transportation facilities by the State pursuant to (1) above. In the event that this option is exercised, the State shall take such fact into account in making such redistribution of costs, and shall offset such use as is made of the project transportation facilities pursuant thereto against any reduction in the District's payment obligation hereunder resulting from such redistribution of costs.

(d) If after any revision of annual entitlements and maximum annual entitlements pursuant to subdivisions (b) or

(c) of this article, circumstances arise which, in the judgment of the State, justify a revision upward of the same, the State shall, with the consent of the affected contractor, reinstate proportionately the previously reduced entitlements of such contractor to the extent deemed justified, and shall equitably redistribute the costs of the project transportation facilities if inequities would otherwise occur as a result of such reinstatement of entitlements.

(e) The State shall give the District written notice as far in advance as possible of any reduction in deliveries to it under subdivision (a) of this article and, to the extent possible, shall give the District written notice five (5) years in advance of any reduction in its annual entitlements and maximum annual entitlement under subdivisions (b) or (c) of this article. Reports submitted to the District pursuant to Article 16(c) may constitute such notices.

(f) Neither the State nor any of its officers, agents, or employees shall be liable for any damage, direct or indirect, arising from shortages in the amount of water to be made available for delivery to the District under this contract caused by drought, operation of area of origin statutes, or any other cause beyond its control.

19. Water Quality.

(a) It shall be the objective of the State and the State shall take all reasonable measures to make available, at all delivery structures for delivery of project water to the District, project water of such quality that the following constituents do not exceed the concentrations stated as follows:

WATER QUALITY OBJECTIVES FOR
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

<u>Constituent</u>	<u>Unit</u>	<u>Monthly Average</u>	<u>Average for any 10-year Period</u>	<u>Maximum</u>
Total Dissolved Solids	ppm.	440	220	-
Total Hardness	ppm.	180	110	-
Chlorides	ppm.	110	55	-
Sulfates	ppm.	110	20	-
Sodium Percentage	%	50	40	-
Fluoride	ppm.	-	-	1.5
Lead	ppm.	-	-	0.1
Selenium	ppm.	-	-	0.05
Hexavalent Chromium	ppm.	-	-	0.05
Arsenic	ppm.	-	-	0.05
Iron and Manganese together	ppm.	-	-	0.3
Magnesium	ppm.	-	-	125.0
Copper	ppm.	-	-	3.0
Zinc	ppm.	-	-	15.0
Phenol	ppm.	-	-	0.001

(b) The State shall regularly take samples of water at each delivery structure for delivery of project water to the District, and shall make chemical and physical analyses and tests of such samples. The State shall keep accurate and complete records of all such analyses and tests, which records shall be available for inspection by the District at any time or times.

(c) If through no negligence of the State or its officers, agents, or employees, the State is unable to attain the quality objectives set forth in subdivision (a) of this article, neither the State nor any of its officers, agents, or employees shall be liable in any manner whatsoever for such deviation from said quality objectives.

20. Suspension of Service. In the event of any default by the District in the payment of any money required to be paid to the State hereunder, the State may, upon not less than six months' notice to the District, suspend deliveries of water under this contract for so long as such default continues: Provided, That during such period the District shall remain obligated to make all payments required under this contract. Action taken pursuant to this article shall not deprive the State of or limit any remedy provided by this contract or by law for the recovery of money due or which may become due under this contract.

21. Interim Sale of Surplus Water. If during any year the supply of project water, after appropriate allowance for hold-over storage, exceeds the total of annual entitlements of all contractors for that year, the State shall offer to sell and deliver such surplus water for periods expiring not later than the end of such year, without right of renewal, and in a manner and at prices which will return to the State the largest net revenues practicable, and at the minimum, revenues equal to the variable operation, maintenance and power costs incurred in such service of surplus water: Provided, That such service of surplus water shall not interfere with the delivery of their respective annual entitlements to those contractors which do not receive surplus water in such year: Provided further, That not until a contractor accepts delivery during such year of its annual entitlement for that year and either pays or incurs a payment obligation for such annual entitlement in accordance with the payment provisions of its contract, shall surplus water be sold to such contractor at prices less than those which would result under the application of the payment provisions of its contract: Provided further, That if, in the judgment of the State, the annual entitlement of a contractor desiring to purchase surplus water is unrealistically low for the year in which such purchase is to be made, the State shall, for the purpose of pricing such water in accordance with the second proviso above, consider such annual entitlement to be an increased amount determined by the State to accurately correspond to such contractor's actual requirements for project water in that year. All net revenues from the service of surplus water shall be applied in such manner that

all contractors which contribute to the payment of the costs of any System facilities by which surplus water was conserved and transported in connection with such service will receive credit for a share of such net revenues in the proportion that each such contractor contributes to payment of such costs. The service of surplus water shall, in every case, be subject to the paramount right and obligation of the State to discontinue the same, in whole or in part, when required for service of project water to contractors.

C. PAYMENT PROVISIONS

22. Delta Water Charge.

(a) The payments to be made by each contractor for project water shall include an annual charge designated as the Delta Water Charge. This charge, together with the total revenues derived during the project repayment period from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities, shall return to the State during the project repayment period all costs of the project conservation facilities, including capital, operation, maintenance, power, and replacement costs, which are allocated to the purpose of water conservation in, above, and below the Delta pursuant to subdivision (e) of this article during the project repayment period. Wherever reference is made, in connection with the computation or determination of the Delta Water Charge, to the costs of any facility or facilities included in the System, such reference shall be only to those costs of such facility or facilities which are reimbursable by the contractors as determined by the State.

(b) For each contractor receiving project water in any year through December 31, 1969, the Delta Water Charge shall be the product of \$3.50 and the contractor's annual entitlement to project water for the respective year. After that date, the Delta Water Charge shall consist and be the sum of the following components as these are computed in accordance with subdivisions (c) and (d) of this article: a capital cost component; a minimum operation, maintenance, power, and replacement component; and a variable operation, maintenance, power, and replacement component.

(c) The capital cost, the minimum operation, maintenance, power, and replacement, and the variable operation, maintenance, power, and replacement components of the Delta Water Charge, together with that portion of the revenues derived during the project repayment period from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities which is allocated by the State to repayment of the respective category of costs, shall return to the State during the project repayment period, respectively, the following categories of the costs allocated to the purpose of water conservation in, above, and below the Delta pursuant to subdivision (e) of this article: (1) capital costs; (2) operation, maintenance, power, and replacement costs incurred irrespective of the amount of project water delivered to the contractors; and (3) operation, maintenance, power, and replacement costs incurred in an amount which is dependent upon and varies with the amount of project water delivered to the contractors: Provided, That each of the above categories of costs shall be inclusive of the appropriate costs properly chargeable to the generation and transmission of electrical energy in connection with operation of project conservation facilities. Each component of the Delta Water Charge shall be computed on the basis of a rate which, when charged during the project repayment period for each acre-foot of the sum of the yearly totals of annual entitlements of all contractors, will be sufficient, together with that portion of the revenues derived during the project repayment period from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities which is allocated by the State to repayment of the respective category of

-22/2-

costs, to return to the State during the project repayment period all costs included in the respective category of costs covered by that component. Each such rate shall be computed in accordance with the following formula:

$$\frac{(c_1 - r_1)(1+i)^{-1} + (c_2 - r_2)(1+i)^{-2} + \dots + (c_n - r_n)(1+i)^{-n}}{e_1(1+i)^{-1} + e_2(1+i)^{-2} + \dots + e_n(1+i)^{-n}}$$

Where:

- i = The project interest rate.
 - c = The total costs included in the respective category of costs for the respective year of the project repayment period.
 - r = That portion of the revenues derived from the sale or other disposal of electrical energy allocated by the State to repayment of the costs included in the respective category for the respective year of the project repayment period.
- 1, 2, and n appearing below c and r = The respective year of the project repayment period for which costs are included in the respective category, n being the last year of the project repayment period.
- e = With respect to the capital cost and minimum operation, maintenance, power, and replacement components, the total of annual entitlements to project water of all contractors for the respective year of the project repayment period.
 - e = With respect to the variable operation, maintenance, power, and replacement component, the total of the amounts of project water delivered to all contractors for the respective year of the expired portion of the project repayment period, together with the total of annual entitlements to project water of all contractors for the respective year of the unexpired portion of the project repayment period.
- 1, 2, and n appearing below e = The respective year of the project repayment period in which the annual entitlements or project water deliveries occur, n being the last year of the project repayment period.
- n used as an exponent = The number of years in the project repayment period.

(d) The capital cost and minimum operation, maintenance, power, and replacement components of the Delta Water Charge shall be the product of the appropriate rate computed under subdivision (c) of this article, and the contractor's annual entitlement to project water for the respective year. The variable operation, maintenance, power, and replacement component of the charge shall be the product of the appropriate rate computed under subdivision (c) of this article and the number of acre-feet of project water delivered to the contractor during the respective year: Provided, That when project water has been requested by a contractor and delivery thereof has been commenced by the State, and, through no fault of the State, such water is wasted as a result of failure or refusal by the contractor to accept delivery thereof, said variable component during such period shall be the product of said rate per acre-foot and the sum of the number of acre-feet of project water delivered to the contractor and the number of acre-feet wasted.

(e) Prior to the time that additional project conservation facilities or supplemental conservation facilities are constructed, the Delta Water Charge shall be determined on the basis of an allocation to project purposes, by the separable costs-remaining benefits method, of all projected costs of all those initial project conservation facilities located in and above the Delta, and upon an allocation to the purposes of water conservation and water transportation, by the proportionate use of facilities method, of all projected costs of the following project facilities located below the Delta: The aqueduct intake

facilities at the Delta, Pumping Plant I, the aqueduct from the Delta to San Luis Forebay, San Luis Forebay, and San Luis Reservoir: Provided, That all of the projected costs properly chargeable to the generation and transmission of electrical energy in connection with operation of project conservation facilities shall be allocated to the purpose of water conservation in, above, and below the Delta: Provided further, That allocations to purposes the costs of which are to be paid by the United States shall be as determined by the United States. Commencing in the year in which the State first incurs capital costs for construction of additional project conservation facilities, the Delta Water Charge shall be determined on the basis of the foregoing allocations and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to the foregoing provisos, of all projected costs of such additional project conservation facilities.

(f) The rates to be used in determining the components of the Delta Water Charge pursuant to subdivision (d) of this article and to become effective on January 1, 1970, shall be computed by the State in accordance with subdivision (c) of this article prior to that date. Such computation shall include an adjustment which shall account for the difference, if any between revenues received by the State under the Delta Water Charge prior to January 1, 1970, and revenues which would have been received under the charge prior to that date had it been computed and charged in accordance with subdivisions (c) and (d) of this article. Upon such computation, a document establishing such rates shall be prepared by the State and attached to this contract as an amendment of this article. The State shall recompute such rates each year

thereafter, and each such recomputation shall take account of and reflect increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State incurred to construct the project conservation facilities described in subdivision (e) of this article, annual entitlements, deliveries of project water project interest rate, revenues from the sale or other disposal of electrical energy, and all other factors which are determinative of such rates. In addition, each such recomputation shall include an adjustment of the rates for succeeding years which shall account for the differences, if any, between projections of costs used by the State in determining said rates for all preceding years, and actual costs incurred by the State during such years. Upon each such recomputation, an appropriately revised copy of the document establishing such rates shall be prepared by the State and attached to this contract as an amendment of this article.

(g) Upon the construction of supplemental conservation facilities, the Delta Water Charge shall be paid by all contractors for supplemental water, as well as by contractors for project water, and, together with revenues derived from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities and supplemental conservation facilities, shall return to the State, in addition to those costs of the project conservation facilities allocated to the purpose of water conservation in, above, and below the Delta pursuant to subdivision (e) of this article, all costs of such supplemental conservation facilities, including capital, operation, maintenance, power, and replacement costs, which are allocated to the purpose of water conservation in, above, and below the Delta

pursuant hereto. Commencing in the year in which the State first incurs capital costs for construction of supplemental conservation facilities, the Delta Water Charge shall be determined on the basis of the allocations made pursuant to subdivision (e) of this article, and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to provisos corresponding to those contained in said subdivision (e), of all projected costs of such supplemental conservation facilities. Commencing in the same year, the computation of the rates to be used in determining the components of the Delta Water Charge shall include the annual entitlements to water under all contracts for supplemental water. If the repayment period of any bonds sold to construct supplemental conservation facilities extends beyond the project repayment period, the Delta Water Charge shall be determined and redetermined on the basis of such extended repayment period as the State determines to be appropriate.

23. Transportation Charge. The payments to be made by each contractor entitled to delivery of project water from the project transportation facilities shall include an annual charge under the designation Transportation Charge. This charge shall return to the State during the project repayment period those costs of all project transportation facilities necessary to deliver project water to the contractor, including capital, operation, maintenance, power, and replacement costs, which are allocated to the contractor during the project repayment period in accordance with the cost allocation principles and procedures hereinafter set forth. Wherever reference is made, in connection with the computation, determination, or payment of the Transportation Charge, to the costs of any facility or facilities included in the System, such reference shall be only to those costs of such facility or facilities which are reimbursable by the contractors as determined by the State. The Transportation Charge shall consist of a capital cost component; a minimum operation, maintenance, power, and replacement component; and a variable operation, maintenance, power, and replacement component, as these components are defined in and determined under Articles 24, 25, and 26, respectively. For the purpose of allocations of costs pursuant to said articles, the project transportation facilities shall be segregated into such aqueduct reaches as are determined by the State to be necessary for such allocations of costs. Subject to such modifications as are determined by the State to be required by reason of any request furnished by the District to the State pursuant to Article 17(a) of this contract, or by reason of contracts entered into by the State with other contractors, the aqueduct reaches of the project transportation facilities are established as follows:

Provided, That those costs of the aqueduct reaches from the Delta

-23/1-

through the outlet of San Luis Reservoir which are allocated to the purpose of water conservation in, above, and below the Delta for the purpose of determining the Delta Water Charge, as hereinbefore set forth, shall not be included in the Transportation Charge.

<u>Aqueduct Reach</u>	<u>Major Features of Reach</u>
Delta to Discharge Pumping Plant I:	Intake Canal Fish Protective Facilities Pumping Plant I
Discharge Pumping Plant I to San Luis Forebay:	Aqueduct
San Luis Forebay to Outlet San Luis Reservoir:	San Luis Forebay and Dam Pumping Plant II San Luis Reservoir and Dam
Outlet San Luis Reservoir to Avenal Gap:	Aqueduct
Avenal Gap to Pumping Plant III:	Aqueduct
Pumping Plant III to Pumping Plants IV-V:	Pumping Plant III Aqueduct
Pumping Plants IV-V to Pumping Plant VI:	Pumping Plant IV Pumping Plant V Aqueduct
Pumping Plant VI to South Portal Tehachapi Tunnels:	Pumping Plant VI Tehachapi Tunnels

Aqueduct Reach

Major Features of Reach

East Branch Aqueduct

South Portal Tehachapi Tunnels
to Cottonwood Power Plant:

Aqueduct
Cottonwood Power Plants 1
and 2

Cottonwood Power Plant to a
point near Fairmont Reservoir:

Aqueduct

Near Fairmont Reservoir to
Little Rock Creek:

Aqueduct

Little Rock Creek to West
Fork Mojave River:

Pumping Plant VII
Aqueduct

West Fork Mojave River to
South Portal San Bernardino
Tunnel:

Cedar Springs Reservoir
and Dam
San Bernardino Tunnel

South Portal San Bernardino
Tunnel to Devil Canyon Power
Plant 1:

Devil Canyon Power Plant 1

Devil Canyon Power Plant 1 to
Perris Reservoir:

Devil Canyon Power Plant 2
Aqueduct
Perris Reservoir and Dam

24. Transportation Charge - Capital Cost Component.

(a) The capital cost component of the Transportation Charge shall be sufficient to return to the State those capital costs of the project transportation facilities necessary to deliver water to the contractor which are allocated to the contractor pursuant to subdivision (b) of this article. The amount of this component shall be determined in two steps as follows: (1) an allocation of capital costs to the contractor, and (2) a computation of annual payment of such allocated capital costs and interest thereon, computed at the project interest rate and compounded annually, to be made by the contractor.

(b) In the first step, the total amount of capital costs of each aqueduct reach to be returned to the State shall be allocated among all contractors entitled to delivery of project water from or through the reach by the proportionate use of facilities method of cost allocation and in accordance with (1) and (2) below. The measure of the proportionate use of each contractor of each reach shall be the average of the following two ratios: (i) the ratio of the contractor's maximum annual entitlement to be delivered from or through the reach to the total of the maximum annual entitlements of all contractors to be delivered from or through the reach, and (ii) the ratio of the capacity provided in the reach for the transport and delivery of project water to the contractor to the total capacity provided in the reach for the transport and delivery of project water to all contractors served from or through the reach. Allocations of capital costs to the District pursuant hereto shall be on the basis of relevant values which will be set forth in Table B by the State as soon as designs and cost estimates are

TABLE 2
PROPORTION OF COSTS OF PROJECT TRANSPORTATION FACILITIES
ALLOCATED TO SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

Aqueduct reach	Total for project transportation facilities										District participation									
	Total of maximum	annual	entitlements of all contractors, $\frac{1}{2}$ thousands of cubic feet per year	entitlements of all contractors, $\frac{1}{2}$ thousands of cubic feet per year	maximum annual	operating cost, thousands	capital cost, thousands	Total	Maximum annual	entitlements, thousands	to total of cubic feet	Ratio of maximum annual	entitlements, thousands	to total of cubic feet	Ratio of maximum annual	entitlements, thousands	to total of cubic feet			
Delta to Discharge Pumping Plant $\frac{2}{3}$																				
Discharge Pumping Plant 1 to San Luis Forebay $\frac{1}{2}$																				
San Luis Forebay to Outlet San Luis Reservoir $\frac{1}{2}$																				
Outlet San Luis Reservoir to Avenal Gap																				
Avenal Gap to Pumping Plant III																				
Pumping Plant III to Pumping Plant IV $\frac{1}{2}$																				
Pumping Plant IV $\frac{1}{2}$ to Pumping Plant VI																				
Pumping Plant VI to South Portal Tehachapi Tunnels																				
South Portal Tehachapi Tunnels to Tailrace Cottonwood Power Plant																				
Tailrace Cottonwood Power Plant to near Fairmont Reservoir																				
Near Fairmont Reservoir to Little Rock Creek																				
Little Rock Creek to West Fork Hojave River																				
West Fork Hojave River to South Portal San Bernardino Tunnel																				
South Portal San Bernardino Tunnel to Devil Canyon Power Plant 1																				
Devil Canyon Power Plant 1 to Perris Reservoir																				

$\frac{1}{2}$ As increased by an allowance to compensate for losses as provided in Article 24(b) (2)
 $\frac{2}{3}$ Based on values as of the end of the construction period
 $\frac{3}{4}$ Costs allocated to water transportation
 $\frac{1}{2}$ State equity only

prepared by it subsequent to receipt of requests from the District as to the maximum monthly delivery capability to be provided in each aqueduct reach of the project transportation facilities for the transport and delivery of project water to the District, pursuant to Article 17(a): Provided, That these values shall be subject to redetermination by the State in accordance with Article 28: Provided further, That the principles and procedures set forth in this subdivision shall be controlling as to allocations of capital costs to the District.

(1) The total amount of capital costs allocated to a contractor shall be the sum of the products obtained when there is multiplied, for each aqueduct reach necessary to deliver water to the contractor, the total amount of the capital costs of the reach to be returned to the State under the Transportation Charge by the average of the two foregoing ratios for such reach as said average is set forth in the appropriate table included in its contract.

(2) In the event that excess capacity is provided in any aqueduct reach for the purpose of making project water available in the future to an agency or agencies with which the State has not executed contracts at the time of any allocation of costs pursuant to this subdivision, the prospective maximum annual entitlement or entitlements to be supplied by such excess capacity, as determined by the State, shall be deemed to be contracted for by said agency or agencies for the purpose of such allocation of costs, to the end that the capital costs of providing such excess capacity are not charged to any contractor entitled by virtue of an executed contract to the delivery of project water from or through that aqueduct reach at the time of such allocation.

Where additional capacity is provided in any aqueduct reach to compensate for loss of water due to evaporation, leakage, seepage, or other causes, or to compensate for scheduled outages for purposes of necessary investigation, inspection, maintenance, repair or replacement of the facilities of the project facilities, then, for the purpose of any allocation of costs pursuant to this subdivision: (i) the maximum annual entitlement to be delivered from or through the reach of each contractor entitled to delivery of project water from or through the reach shall be increased by an amount which bears the same proportion to the maximum annual delivery capability provided by such additional capacity that the contractor's maximum annual entitlement to be delivered from or through the reach bears to the total of the maximum annual entitlements to be delivered from or through the reach under all contracts; and (ii) the capacity provided in the reach for each contractor entitled to delivery of project water from or through the reach shall be increased in the same proportion that the contractor's maximum annual entitlement to be delivered from or through the reach is increased pursuant to (i) above.

(3) The projected amounts of capital costs to be allocated annually to the District under the capital cost component of the Transportation Charge shall be determined by the State in accordance with the cost allocation principles and procedures set forth in this subdivision, which principles and procedures shall be controlling as to allocations of capital costs to the District. Such amounts will be set forth in Table C by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the District as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the District, pursuant to Article 17(a):

TABLE C

PROJECTED ALLOCATIONS OF CAPITAL
 COST OF PROJECT TRANSPORTATION FACILITIES TO
 SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

<u>Year</u>	<u>Projected Allocation in Thousands of Dollars</u>
1*	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	

* Year in which State commences construction of project transportation facilities.

Provided, That these amounts shall be subject to redetermination by the State in accordance with Article 28.

(c) In the second step, the District's annual payment of its allocated capital costs and interest thereon, computed at the project interest rate and compounded annually, shall be determined in accordance with a payment schedule established by the State and determined in accordance with the principles set forth in (1), (2), and (3) below, which principles shall be controlling as to the District's payment of its allocated capital costs. The District's payment schedule will be set forth in Table D by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the District as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the District, pursuant to Article 17(a): Provided, That the amounts set forth in Table D shall be subject to redetermination by the State, pursuant to Article 28.

(1) The District's annual payment shall be the sum of the amounts due from the District on the District's allocated capital costs for the then current year and for each previous year where each such amount will pay, in not more than fifty (50) equal annual installments of principal and interest, the District's allocated capital costs for the respective year and interest thereon, computed at the project interest rate and compounded annually.

(2) The District may make payments at a more rapid rate if approved by the State.

(3) Such annual payments shall cease when all allocated capital costs and interest thereon, computed at the project interest rate and compounded annually, are repaid.

TABLE D

TRANSPORTATION CHARGE - CAPITAL COST COMPONENT
 SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

(In thousands of dollars)

<u>Year</u>	<u>Annual Payment of Principal</u>	<u>Annual Interest Payment</u>	<u>Total Annual Payment by District</u>
1*			
2**			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			

TABLE D (Continued)

TRANSPORTATION CHARGE - CAPITAL COST COMPONENT
 SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

(In thousands of dollars)

<u>Year</u>	<u>Annual Payment of Principal</u>	<u>Annual Interest Payment</u>	<u>Total Annual Payment by District</u>
43			
44			
45			
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			
61			
62			
63			
64			
65			
66			
67			
68			
69			
70			
71			
72			
73			
74			
75			
76			
77			
78			
79			
80			

TOTAL

* Year in which the State commences construction of the project transportation facilities.

** Year of first payment.

(d) In the event that any contractor, pursuant to Article 12(b), requests delivery capacity in any aqueduct reach which will permit maximum monthly deliveries to such contractor in excess of the percentage amounts specified in said Article 12(b) for the uses designated therein, such contractor shall furnish to the State, in advance of the construction of such aqueduct reach, funds sufficient to cover the costs of providing such excess capacity, which funds shall be in an amount which bears the same proportion to the total capital costs of such reach, including the costs of providing such excess capacity, as such excess capacity bears to the total capacity of such reach, including such excess capacity. For the purpose of any allocation of costs pursuant to subdivision (b) of this article, the total capital costs of such aqueduct reach shall be allocated among all contractors entitled to delivery of project water from or through the reach in the following manner: (1) The costs which would have been incurred for such reach had no such excess capacity been provided shall be estimated by the State and allocated among all such contractors in the manner provided in said subdivision (b); and (2) the amount of the difference between said estimated costs and the projected actual costs of such reach shall be allocated to the contractor or contractors for which such excess capacity is provided. Where such excess capacity is provided for more than one contractor, the costs allocated to them under (2) above shall be further allocated between or among them in amounts which bear the same proportion to the total of said allocated costs as the amount of such excess capacity provided for the respective

contractor bears to the total of such excess capacity provided in such reach. In the event that the funds advanced by a contractor pursuant to this subdivision are more or less than the costs so allocated to such contractor under (2) above, the account of such contractor shall be credited or debited accordingly.

-24/10-

25. Transportation Charge - Minimum Operation, Maintenance, Power, and Replacement Component.

(a) The minimum operation, maintenance, power, and replacement component of the Transportation Charge shall return to the State those costs of the project transportation facilities necessary to deliver water to the contractor which constitute operation, maintenance, power, and replacement costs incurred irrespective of the amount of project water delivered to the contractor and which are allocated to the contractor pursuant to (b) below: Provided, That to the extent permitted by law, the State may establish reserve funds to meet anticipated minimum replacement costs; and deposits in such reserve funds by the State: (1) shall be made in such amounts that such reserve funds will be adequate to meet such anticipated costs as they are incurred, and (2) shall be deemed to be a part of the minimum replacement costs for the year in which such deposits are made

(b) The total projected minimum operation, maintenance, power, and replacement costs of each aqueduct reach of the project transportation facilities for the respective year shall be allocated among all contractors entitled to delivery of project water from said facilities by the proportionate use of facilities method of cost allocation, in the same manner and upon the same bases as are set forth for the allocation of capital costs in Article 24: Provided, That such minimum operation, maintenance, power, and replacement costs as are incurred generally for the project transportation facilities first shall be allocated to each aqueduct reach in an amount which bears the same proportion to the total amount of such general costs that the amount of the costs incurred directly for the reach bears to the total of all direct costs for all aqueduct reaches.

(c) The amount to be paid each year by the District under the minimum operation, maintenance, power, and replacement component of the Transportation Charge shall be determined in accordance with subdivision (b) of this article on the basis of the relevant values to be set forth for the respective aqueduct reaches in Table B, included in Article 24: Provided, That these values shall be subject to redetermination by the State in accordance with Article 28. Such amounts and any interest thereon shall be set forth by the State in Table E as soon as designs and cost estimates have been prepared by it subsequent to receipt of requests from the District as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the District, pursuant to Article 17(a): Provided, That the amounts set forth in Table E shall be subject to redetermination by the State in accordance with Article 28.

TABLE E

TRANSPORTATION CHARGE-MINIMUM OPERATION
 MAINTENANCE, POWER, AND REPLACEMENT COMPONENT
 SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT.

<u>Year</u>	<u>Total Annual Payment by District* (In thousands of dollars)</u>
1**	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	

and each succeeding year thereafter, for the term of this contract.

* Payment shall start with respect to each aqueduct reach in the year following the year in which the State completes construction of the respective reach.

** Year in which the State commences construction of the project transportation facilities.

26. Transportation Charge - Variable Operation, Maintenance, Power, and Replacement Component.

(a) The variable operation, maintenance, power, and replacement component of the Transportation Charge shall return to the State those costs of the project transportation facilities necessary to deliver water to the contractor which constitute operation, maintenance, power and replacement costs incurred in an amount which is dependent upon and varies with the amount of project water delivered to the contractor and which are allocated to the contractor pursuant to (1) and (2) below: Provided, That to the extent permitted by law, the State may establish reserve funds to meet anticipated variable replacement costs; and deposits in such reserve funds by the State: (1) shall be made in such amounts that such reserve funds will be adequate to meet such anticipated costs as they are incurred, and (2) shall be deemed to be a part of the variable replacement costs for the year in which such deposits are made. The amount of this component shall be determined as follows:

(1) There shall be computed for each aqueduct reach of the project transportation facilities a charge per acre-foot of water which will return to the State the total projected variable operation, maintenance, power, and replacement costs of the reach for the respective year. This computation shall be made by dividing said total by the number of acre-feet of project water estimated to be delivered from or through the reach to all contractors during the year.

(2) The amount of the variable component shall be the product of the sum of the charges per acre-foot of

water, determined under (1) above, for each aqueduct reach necessary to deliver water to the contractor, and the number of acre-feet of project water delivered to the contractor during the year: Provided, That when project water has been requested by a contractor and delivery thereof has been commenced by the State, and, through no fault of the State, such water is wasted as a result of failure or refusal by the contractor to accept delivery thereof, the amount of said variable component to be paid by such contractor during such period shall be the product of the above sum and the sum of the number of acre-feet of project water delivered to the contractor and the number of acre-feet wasted.

(b) There shall be credited against the amount of the variable component to be paid by each contractor, as determined pursuant to subdivision (a) of this article, a portion of the projected net value of any power recovered during the respective year at project aqueduct power recovery plants located upstream on the particular aqueduct from the delivery structures for delivery of project water to the contractor. Such portion shall be in an amount which bears the same proportion to said projected net value that the number of acre-feet of project water delivered to the contractor through said plants during the year bears to the number of acre-feet of project water delivered to all contractors through said plants during the year.

(c) The amount to be paid each year by the District under the variable operation, maintenance, power, and replacement component of the Transportation Charge shall be determined in accordance with subdivision (a) of this article

for the respective aqueduct reaches in Table B, included in Article 24. Such amounts and any interest thereon shall be set forth by the State in Table F as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the District as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the District, pursuant to Article 17(a): Provided, That the amounts set forth in Table F shall be subject to redetermination by the State in accordance with Article 28.

TABLE F

TRANSPORTATION CHARGE-ESTIMATED VARIABLE OPERATION,
 MAINTENANCE, POWER, AND REPLACEMENT COMPONENT
 SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

<u>Year</u>	<u>Total Annual Payment by District* (In thousands of dollars)</u>
1**	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	

and each succeeding year
 thereafter, for the term
 of this contract.

* Payments start with year of initial water delivery.

** Year in which State commences construction of project
 conservation facilities.

27. Transportation Charge - Payment Schedule. The amounts to be paid by the District for each year of the project repayment period under the capital cost and minimum operation, maintenance, power, and replacement components of the Transportation Charge, and under the variable operation, maintenance, power, and replacement component of said charge on the basis of then estimated deliveries, shall be set forth by the State in Table G as soon as designs and cost estimates have been prepared by it subsequent to receipt of requests from the District as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of project water to the District, pursuant to Article 17(a), which Table G shall constitute a summation of Tables D, E, and F: Provided, That each of the amounts set forth in Table G shall be subject to redetermination by the State in accordance with Article 28: Provided further, That the principles and procedures set forth in Articles 24, 25, and 26 shall be controlling as to such amounts. Such amounts shall be paid by the District in accordance with the provisions of Article 29.

TABLE G
 PAYMENT SCHEDULE
 SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
 (In thousands of dollars)

Year	Transportation Charge				Total
	Capital	Minimum	Variable		
	Cost	Component	Component		
1*					
2**					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					
40					
41					
42					

TABLE G (Continued)
 PAYMENT SCHEDULE
 SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
 (In thousands of dollars)

Year	Capital		Transportation Charge			Total
	Cost	Component	Minimum	Variable	Component	
	Component	Component	Component	Component	Component	
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						
53						
54						
55						
56						
57						
58						
59						
60						
61						
62						
63						
64						
65						
66						
67						
68						
69						
70						
71						
72						
73						
74						
75						
76						
77						
78						
79						
80						

* Year in which State commences construction of project transportation facilities.
 ** Year of first payment.

28. Transportation Charge - Redetermination. The State shall redetermine the values and amounts set forth in the tables included in Articles 24 through 27 of this contract in the year following the year in which the State commences construction of the project transportation facilities and each year thereafter in order that the Transportation Charge to the District and the components thereof may accurately reflect increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State incurred to construct the project transportation facilities described in Article 23, annual entitlements, estimated deliveries, project interest rate, and all other factors which are determinative of such charges. In addition, each such redetermination shall include an adjustment of the components of the Transportation Charge to be paid by the District for succeeding years which shall account for the differences, if any, between projections of costs used by the State in determining the amounts of said components for all preceding years and actual costs incurred by the State during such years. Upon each such redetermination, appropriately revised copies of the tables included in Articles 24 through 27 shall be prepared by the State and attached to this contract as amendments of those articles respectively.

29. Time and Method of Payment.

(a) Payments by the District under the Delta Water Charge shall commence in the year of initial water delivery to the District.

(b) Payments by the District under the capital cost component of the Transportation Charge shall commence in the year following the year in which the State commences construction of the project transportation facilities.

(c) Payments by the District under the minimum operation, maintenance, power, and replacement component of the Transportation Charge shall commence for each aqueduct reach in the year following the year in which construction of that reach is completed.

(d) Payments by the District under the variable operation, maintenance, power, and replacement component of the Transportation Charge shall commence in the year of initial water delivery to the District.

(e) The State shall, on or before July 1 of each year, commencing with the year preceding the year in which payment of the respective charge is to commence pursuant to this article, furnish the District with a written statement of: (1) the charges to the District for the next succeeding year under the capital cost and minimum operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge; (2) the unit charges to the District for the next succeeding year under the variable operation, maintenance, power, and replacement components of said Delta Water Charge and Transportation Charge; and (3) the total charges to the District for the preceding

year under the variable operation, maintenance, power, and replacement components of said Delta Water Charge and Transportation Charge: Provided, That through December 31, 1969, the Delta Water Charge shall be based upon a unit rate of \$3.50 per acre-foot and shall be paid by the contractors on the basis of their respective annual entitlements to project water, as provided in Article 22(b). All such statements shall be accompanied by the latest revised copies of the document amendatory to Article 22 and of the tables included in Articles 24 through 27 of this contract, together with such other data and computations used by the State in determining the amounts of the above charges as the State deems appropriate. The State shall, on or before the fifteenth day of each month of each year, commencing with the year of initial water delivery to the District, furnish the District with a statement of the charges to the District for the preceding month under the variable operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge. Such charges shall be determined by the State in accordance with the relevant provisions of Articles 22 and 26 of this contract, upon the basis of metered deliveries of project water to the District, except as otherwise provided in those articles.

(f) The District shall pay to the State, on or before January 1 of each year, commencing with the year in which payment of the respective charge is to commence pursuant to this article, one-half (1/2) of the charge to the District for the year under the capital cost component of the Delta Water

Charge and one-half (1/2) of the charge to the District for the year under the capital cost component of the Transportation Charge, as such charges are stated pursuant to subdivision (e) of this article; and shall pay the remaining one-half (1/2) of each of said charges on or before July 1 of that year.

(g) The District shall pay to the State, on or before the first day of each month of each year, commencing with the year of initial water delivery to the District, one-twelfth (1/12) of the sum of the charges to the District for the year under the minimum operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge, respectively, as such charges are stated pursuant to subdivision (e) of this article.

(h) The District shall pay to the State on or before the fifteenth day of each month of each year, commencing with the year of initial water delivery to the District, the charges to the District under the variable operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge, respectively, for which a statement was received by the District during the preceding month pursuant to subdivision (e) of this article, as such charges are stated in such statement.

(i) In the event that the District in good faith contests the accuracy of any statement submitted to it pursuant to subdivision (e) of this article, it shall give the State notice thereof at least ten (10) days prior to the day upon which payment of the stated amounts is due. To the extent that the State finds the District's contentions regarding the statement

to be correct, it shall revise the statement accordingly, and the District shall make payment of the revised amounts on or before the due date. To the extent that the State does not find the District's contentions to be correct, or where time is not available for a review of such contentions prior to the due date, the District shall make payment of the stated amounts on or before the due date, but may make the contested part of such payment under protest and seek to recover the amount thereof from the State.

30. Surcharge for Excess Use of Project Water.

(a) As used herein the term "surcharge" shall mean an amount equivalent to the power credit per acre-foot of water, as such credit is determined under and established by subdivision (b) of this article, to be charged to water users other than the United States or the State of California, as hereinafter provided and to the extent permitted by law, for each acre-foot of project water put to agricultural or manufacturing use on excess land. As used herein the term "excess land" shall mean that part of any land held in single beneficial ownership within a contractor's boundaries, or, where project water is delivered to water users by a retail agency as hereinafter defined, that part of any such land within the service area of such retail agency, which is in excess of 160 acres; or in the case of joint ownership by husband and wife that part of any such land which is in excess of 320 acres.

(b) As used herein, the term "power credit" shall mean the net value accruing to the State from revenues derived from the sale or other disposal of electrical energy generated in connection with operation of initial project conservation facilities after deducting from said revenues the amount necessary to pay capital costs properly chargeable to energy generation and the costs of operation, maintenance, and replacement of the electrical generation facilities. The power credit per acre-foot of water shall be computed in accordance with the following formula:

$$\frac{c_1(1+i)^{-1} + c_2(1+i)^{-2} + \dots + c_n(1+i)^{-n}}{e_1(1+i)^{-1} + e_2(1+i)^{-2} + \dots + e_n(1+i)^{-n}}$$

where:

i = The project interest rate.

c = The projected annual power credit accrued during the respective year of the project repayment period.

1, 2, and n
appearing
below c

= The respective year of the project repayment period during which the power credit is accrued, n being the last year of the project repayment period.

e = The total of annual entitlements to project water of all contractors for the respective year of the project repayment period.

1,2, and n
appearing
below e

= The respective year of the project repayment period in which the annual entitlements occur, n being the last year of the project repayment period.

n used
as expo-
nent

= The number of years in the project repayment period.

The power credit per acre-foot of water is hereby established as \$2.00 until all of the facilities for generation of electrical energy in connection with operation of initial project conservation facilities are installed and in operation. The State shall redetermine the power credit per acre-foot of water each year thereafter in order that it may accurately reflect increases or decreases from year to year in the power credit as defined herein. Each such redetermination shall be in accordance with the method of computation set forth in this subdivision, and upon each such redetermination, a document showing the revised amount of the power credit per acre-foot of water shall be attached to this contract as an amendment of this subdivision.

(c) As used herein the term "retail agency" shall mean any agency which delivers directly to the users thereof, project water made available by, through, or under a contractor.

(d) Each contractor, to the extent that it delivers project water directly to the users thereof, shall require on behalf of the State that each such user on or before June 1 of each year, commencing with the year following the year of initial water delivery: (1) certify in writing to the contractor on forms prescribed and furnished by the State the description of the excess land owned by such user upon which project water is put to agricultural or manufacturing use, and the amount of project water put to agricultural or manufacturing use on such land during the preceding year; and (2) pay to the contractor for the account of the State a surcharge for the amount of water so certified. Each contractor, to the extent that it delivers project water to a retail agency or to another agency by, through, or under which such water is delivered to a retail agency, shall require on behalf of the State that each water user served by such retail agency be required to, on or before May 1 of each year, commencing with the year following the year of initial water delivery: (1) certify in writing to the retail agency on forms prescribed and furnished by the State the description of the excess land owned by such user upon which project water is put to agricultural or manufacturing use and the amount of project water put to agricultural or manufacturing use on such land during the preceding year; and (2) pay to the retail agency for the account of the State a surcharge for the amount of project water

so certified. Each contractor and retail agency shall be entitled to rely upon the certifications furnished them by water users pursuant to this subdivision, unless notified by the State as to the inaccuracy of any such certification. Payments made to the contractor pursuant to this subdivision, together with the certifications supporting such payments, shall be forwarded to the State on or before July 1 of the year in which they are received. Payments made to a retail agency pursuant to this subdivision, together with the certifications supporting such payments, shall on behalf of the State be required to be forwarded to the contractor, which shall in turn forward them to the State on or before July 1 of the year in which they are received; except that where project water has been delivered to the retail agency by, through, or under an agency or agencies other than the contractor, such payments and certifications shall on behalf of the State be required to be forwarded by the retail agency to the agency from which it received project water and by that agency, et seq., to the contractor, which shall forward them to the State on or before July 1 of the year in which they are received.

(e) In the event that a contractor, retail agency, or water user commingles project water with water from another source in a common distribution system, the contractor shall, in complying with the provisions of this article, adhere to the following rules, and, where project water is delivered by it to a retail agency or to another agency by, through, or under which project water is delivered to a retail agency, as

contemplated in subdivision (d) of this article, shall require on behalf of the State that such retail agency adhere or be required to adhere to the same rules.

(1) If the amount of nonproject water delivered by the contractor or retail agency in any year to water users within the area served with project water by the contractor or retail agency is equal to or greater than the amount of water put to agricultural or manufacturing use on all excess land within that area during such year, it shall be presumed that the water put to agricultural or manufacturing use on such excess land is nonproject water, and there shall be no surcharge to water users in that area.

(2) If the amount of nonproject water delivered by the contractor or retail agency in any year to water users within the area served with project water by the contractor or retail agency is less than the amount of water put to agricultural or manufacturing use on all excess land within that area during such year, it shall be presumed, for the purpose of determining the payments to be made under the surcharge by water users in that area, that the amount of project water put to agricultural or manufacturing use on excess land of a particular ownership within that area during such year bears the same proportion to the total amount of water so used on that excess land during such year as the total amount of project water delivered by the contractor or retail agency to water users within that area during such year bears to the total amount of water delivered by the contractor or retail agency to water users within that area during such year.

(3) Project water which reaches the underground prior to delivery to or pumping by a water user shall not be subject to a surcharge under this article.

(f) Subject to subdivision (g) of this article, a contractor shall not be liable for the failure of any retail agency or other agency to perform the obligations imposed upon it in accordance with subdivision (d) of this article.

(g) In the event that any retail agency or other agency by, through, or under which project water is delivered to a retail agency, fails to perform the obligations imposed upon it in accordance with subdivision (d) of this article, the State may take such action in a court of competent jurisdiction, in the name of the contractor and/or agency or agencies by, through, or under which project water is delivered to such retail agency, as it deems necessary to compel the performance of such obligations, and in such action the State shall be subrogated to the rights of such contractor and/or such other agency or agencies against such retail agency or other agency. In the event that any certification furnished by a water user in accordance with subdivision (d) of this article is found by the State to inaccurately represent facts of water use or land ownership, with the result that such user is avoiding payment under the surcharge provided for herein, the State may take such action in a court of competent jurisdiction, in the name of the contractor and/or the retail agency and/or any other agency or agencies by, through, or under which project water is delivered to such water user, as it deems necessary to collect full payment under the surcharge from such water user and to compel the performance of all obligations

imposed upon such water user in accordance with said subdivision (d), and in such action the State shall be subrogated to the rights of such contractor and/or such retail agency and/or such other agency or agencies against such water user. Where project water is delivered by a contractor to a retail agency or to another agency by, through, or under which project water is delivered to a retail agency, as contemplated in subdivision (d) of this article, the contractor shall require on behalf of the State that such retail agency or other agency and all agencies by, through, or under which project water is delivered to a retail agency permit or be required to permit the State to bring the foregoing actions in their respective names and be subrogated to their respective rights as set forth above.

(h) Should the application of any of the provisions of this article in the manner provided for herein result in claims of any nature against a contractor, retail agency, or other agency by, through, or under which project water is delivered to a retail agency, the State shall defend the contractor, retail agency, or other agency against such claims, and shall indemnify them for any liability with respect thereto arising from activities required by the State under this article.

(i) This article shall be separable from all other provisions in this contract, and in the event that any or all of the provisions of this article are in any manner or to any extent held to be invalid by final judgment or decree of a court of competent jurisdiction, such holding and such invalidity shall in no way affect the validity of, or make invalid, any other provision of this contract.

-30/7-

31. Adjustment for Overpayment or Underpayment. If in any year, by reason of errors in computation or other causes, there is an overpayment or underpayment to the State by the District of the charges provided for herein, which overpayment or underpayment is not accounted for and corrected in the annual redetermination of said charges, the amount of such overpayment or underpayment shall be credited or debited, as the case may be, to the District's account for the next succeeding year and the State shall notify the District thereof in writing.

32. Delinquency in Payment.

(a) The governing body of the District shall provide for the punctual payment to the State of payments which become due under this contract.

(b) Upon every amount of money required to be paid by the District to the State pursuant to this contract which remains unpaid after it becomes due and payable, interest shall accrue at the rate of one-half (1/2) of one (1) percent per month of the amount of such delinquent payment from and after the due date until it is paid, and the District hereby agrees to pay such interest: Provided, That no interest shall be charged to or be paid by the District unless such delinquency continues for more than thirty (30) days.

33. Obligation of District to Make Payments.

(a) The District's failure or refusal to accept delivery of project water to which it is entitled under Article 6(b) shall in no way relieve the District of its obligation to make payments to the State as provided for in this contract. The State, however, shall make reasonable efforts to dispose of any water made available to but not required by the District, and any net revenues from such disposal shall be credited to the District's account hereunder.

(b) The District as a whole is obligated to pay to the State the payments becoming due under this contract, notwithstanding any individual default by its constituents or others in the payment to the District of assessments, tolls, or other charges levied by the District.

34. Obligation of District to Levy Taxes and Assessments.

(a) If in any year the District fails or is unable to raise sufficient funds by other means, the governing body of the District shall levy upon all property in the District not exempt from taxation, a tax or assessment sufficient to provide for all payments under this contract then due or to become due within that year.

(b) Taxes or assessments levied by the governing body of the District pursuant to subdivision (a) of this article shall be enforced and collected by all officers of the District charged with the duty of enforcing and collecting taxes or assessments levied by the District.

(c) All money collected for taxes or assessments under this article shall be kept in a separate fund by the treasurer or other officer of the District charged with the safekeeping and disbursement of funds of the District, and, upon the written demand of the State, the treasurer or other officer shall pay over to the State all such money in his possession or control then due the State under this contract, which money shall be applied by the State to the satisfaction of the amount due under this contract.

(d) In the event of failure, neglect, or refusal of any officer of the District to levy any tax or assessment necessary to provide payment by the District under this contract, to enforce or to collect the tax or assessment, or to pay over to the State any money then due the State collected on the tax or

assessment, the State may take such action in a court of competent jurisdiction as it deems necessary to compel the performance in their proper sequence of all such duties. Action taken pursuant hereto shall not deprive the State of or limit any remedy provided by this contract or by law for the recovery of money due or which may become due under this contract.

D. GENERAL PROVISIONS

35. Remedies Not Exclusive. The use by either party of any remedy specified herein for the enforcement of this contract is not exclusive and shall not deprive the party using such remedy of, or limit the application of, any other remedy provided by law.

36. Amendments. This contract may be amended at any time by mutual agreement of the parties, except insofar as any proposed amendments are in any way contrary to applicable law. The State shall promptly furnish the District with copies of all other contracts now or hereafter executed by the State for a dependable supply of project water, and of any amendments thereof.

37. Reservation With Respect to State Laws. Nothing herein contained shall be construed as estopping or otherwise preventing the District or any person, firm, association, corporation, or public body or agency claiming by, through, or under the District from contesting by litigation or other lawful means the validity, constitutionality, construction or application of any law of this State, including laws referred to in the Bond Act, or as preventing or prejudicing the amendment or repeal of any such law, and each contract executed by the State for a dependable supply of project water shall contain a similar reservation with respect to State laws.

38. Opinions and Determinations. Where the terms of this contract provide for action to be based upon the opinion, judgment, approval, review, or determination of either party hereto, such terms are not intended to be and shall never be construed as permitting such opinion, judgment, approval, review, or determination to be arbitrary, capricious, or unreasonable.

39. Contracting Officer of the State. The contracting officer of the State shall be the Director of Water Resources of the State of California and his successors, or their duly authorized representatives. The contracting officer shall be responsible for all discretionary acts, opinions, judgments, approvals, reviews, and determinations required of the State under the terms of this contract.

40. Successors and Assigns Obligated. This contract and all of its provisions shall apply to and bind the successors and assigns of the parties hereto.

-40/1-

41. Assignment. No assignment or transfer of this contract or any part hereof, rights hereunder, or interest herein by the District shall be valid unless and until it is approved by the State and made subject to such reasonable terms and conditions as the State may impose. No assignment or transfer of this contract or any part hereof, rights hereunder, or interest herein by the State shall be valid except as such assignment or transfer is made pursuant to and in conformity with applicable law.

42. Waiver of Rights. Any waiver at any time by either party hereto of its rights with respect to a default or any other matter arising in connection with this contract, shall not be deemed to be a waiver with respect to any other default or matter.

43. Notices. All notices that are required either expressly or by implication to be given by one party to the other under this contract shall be signed for the State by its contracting officer, and for the District by its General Manager and his successors or their duly authorized representatives. All such notices shall be deemed to have been given if delivered personally or if enclosed in a properly addressed envelope and deposited in a United States Post Office for delivery by registered or certified mail. Unless and until formally notified otherwise, the District shall address all notices to the State as follows:

Director of Water Resources

P. O. Box 388

Sacramento 2, California

and the State shall address all notices to the District as follows:

San Bernardino Valley Municipal Water District

384 Fourth Street

San Bernardino, California

44. Maintenance and Inspection of Books, Records, and Reports. During regular office hours, each of the parties hereto and their duly authorized representatives shall have the right to inspect and make copies of any books, records, or reports of the other party pertaining to this contract or matters related hereto. Each of the parties hereto shall maintain and make available for such inspection accurate records of all of its costs, disbursements and receipts with respect to its activities under this contract and the Bond Act.

45. Contracts to be Uniform. Contracts executed by the State for a dependable supply of project water shall be substantially uniform with respect to basic terms and conditions, except as otherwise provided in this article with respect to payment of the capital cost component of the Transportation Charge. Schedules for all contractors for payment of the capital cost component of the Transportation Charge shall provide as a minimum for payment currently of interest on all allocated capital costs, computed at the project interest rate and compounded annually, and for commencement of payment of the principal of such allocated costs in the year following the year in which capital costs allocated to the respective contractor are first incurred by the State, subject only to (1) through (4) below:

- (1) The commencement of payment of the principal of such allocated costs may be deferred up to a maximum of nine (9) years following the year in which such costs are first incurred by the State, to the extent that in the judgment of the State such delay in commencement of payment is necessary to prevent unreasonable financial hardship on the contractor.
- (2) The payment of such principal and interest may be made, subject to approval by the State, in installments which vary in magnitude during the project repayment period.
- (3) In the case of any contractor to which the delivery of project water for agricultural use as of 1990 is estimated by the State to

-45/1-

be in excess of twenty-five percent (25%) of such contractor's maximum annual entitlement, payment of any portion or all of the capital costs allocated to such contractor which are attributed by the State to agricultural use of project water, together with payment of interest on said capital costs, may be commenced by such contractor in the year of initial water delivery, to the extent that in the judgment of the State such delay in commencing payment is necessary to prevent unreasonable financial hardship on such contractor.

- (4) All unpaid interest shall be accumulated at the project interest rate, compounded annually, and added to the contractor's allocated capital costs.

Notwithstanding (1) through (4) above, all contractors shall completely pay their total allocated capital costs and interest thereon, computed at the project interest rate and compounded annually, within the project repayment period, and payments under the schedule of payment of capital costs for each contractor, including interest over the project repayment period, shall have a present value, when discounted at the project interest rate to the first day of the project repayment period, equal to the present value of the payments under that schedule which would be derived for such contractor on the bases provided in this contract when so discounted at the project interest rate to the same date.

46. Suit on Contract. Each of the parties hereto may sue and be sued with respect to this contract.

IN WITNESS WHEREOF, the parties hereto have executed this contract on the date first above written.

STATE OF CALIFORNIA

By Robert S. Brun
Governor

Approved as to legal form and sufficiency:

J. A. Turner
Chief Counsel
Department of Water Resources

Attest:

Horace P. Hinckley
Secretary
San Bernardino Valley
Municipal Water District

Approved as to form and execution:

Robert J. McPh
Counsel
San Bernardino Valley
Municipal Water District

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

By James O. Bond
Director

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT

By A. M. Herman
President

By Hugo W. Wilde
General Manager

**State Water Project
Water Supply Contract Amendments
Table of Contents**

Amendment	Date	Description
Amendment No. 1	Nov. 15, 1963	Reduction in District's maximum annual entitlement from 90,000 ac-ft/year to 85,000 ac-ft/year; maximum flow capacities; addition of section, "Amendatory Provisions"
Amendment No. 2	Sep. 28, 1964	Increase in District's maximum annual entitlement from 85,000 ac-ft/year to 98,000 ac-ft/year; increase in minimum project yield; amendment to section, "Amendatory Provisions"
Amendment No. 3	June 26, 1968	Increase in District's maximum annual entitlement from 98,000 ac-ft/year to 106,200 ac-ft/year.
Amendment No. 4	Dec. 3, 1969	Fix the rate for computing Delta water charge for 1970 at \$6.65; re-calculation of "Project Interest Rate"; add section, "Adjustments Due to Supplemental Financing Costs"
Amendment No. 5	Dec. 31, 1970	Fix the rate for computing Delta water charge for 1971 at \$7.24
Amendment No. 6	Dec. 27, 1971	Amendments to Delta water charge.
Amendment No. 7	Oct. 15, 1972	Delete the following: section entitled, "Surcharge for Excess Use of Project Water"; section entitled, "Surcharge Credit"; sentence in section entitled, "Surplus Water"
Amendment No. 8	Dec. 26, 1972	Addition of subdivisions to "Transportation Charge – Redetermination" section including, Determinative Factors Subject to Retroactive Change, Adjustment: Transportation Cost Capital Charge Component; Adjustment: Transportation Charge – Minimum and Variable Components.
Amendment No. 9	Jan. 24, 1973	Decrease the District's annual entitlement for the first year from 46,000 ac-ft/year to 1,677 ac-ft/year.
Amendment No. 10	Jan. 21, 1980	Revision to sections, "Project Repayment Period" and "Term of Contract"
Amendment No. 11		Amendments related to East Branch Extension including "Project Interest Rate", collection of costs related to construction and O&M; and capacity.
Amendment No. 12	Sept. 15, 1986	Amendments to "Project Interest Rate" related to the East Branch Extension.
Amendment No. 13	May 29, 1987	Amending the definition of "Project Interest Rates" to specify that the East Branch Extension facilities will not be included in calculating the rate; adjustment of remaining repayment period as a result of this amendment.
Amendment No. 14	Apr. 5, 1991	Addition of sections, "Carry-over Entitlement Water" and "Delivery of Carry-over Entitlement Water"
Amendment No. 15	Mar. 17, 1997	Monterey Agreement/Amendment
Amendment No. 16	Mar. 27, 1997	Amendments related to the construction of the East Branch Extension facilities.

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 1 TO CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
FOR A WATER SUPPLY

THIS CONTRACT, made this 15th day of November, 1963, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and San Bernardino Valley Municipal Water District, a public agency in the State of California, duly organized, existing, and acting pursuant to the laws thereof with its principal place of business in San Bernardino, California, herein referred to as the "District".

WITNESSETH, That:

WHEREAS, The State is authorized to construct and operate facilities for the storage and conveyance of water, certain of which facilities will make water available to the District; and

WHEREAS, The State and the District have entered into a water supply contract, dated December 30, 1960, providing that the State shall supply certain quantities of water to the District, and providing that the District shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payments; and

WHEREAS, Subdivision 7(c) of the above-mentioned contract provides for reductions in the District's maximum annual entitlement as a result of the water supply contracts for service to areas shown on exhibits A and B of such contracts and such a water supply contract has been executed with Crestline-Lake Arrowhead Water Agency, dated June 22, 1963; and

WHEREAS, The State and the District are desirous of making certain other changes and additions to their contract, while otherwise continuing the contract in full force and effect;

AND THEREFORE, It is mutually agreed that the following changes and additions are hereby made to the District's water supply contract with the State:

1. Table A, contained in Article 6, is amended to read as follows:

TABLE A
ANNUAL AMOUNTS OF WATER TO BE
MADE AVAILABLE FOR DELIVERY TO
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

<u>Year</u>	<u>Total Annual Amount in Acre-Feet</u>
1	39,500
2	41,250
3	43,200
4	44,950
5	46,700
6	48,450
7	50,200
8	52,050
9	53,700
10	55,650
11	55,650
12	55,650
13	55,650

14	55,650
15	57,400
16	62,850
17	68,300
18	73,650
19	79,100
20	85,000

and each succeeding year thereafter, for the term of this contract:

85,000

2. Article 7(b) is amended to read as follows:

(b) The maximum amount of project water to be made available to the District in any one year under this contract shall be 85,000 acre-feet, referred to in this contract as the District's maximum annual entitlement, and in no event shall such maximum amount of project water to be made available to the District be increased over this amount, except as is provided for in Article 8 and 15(c).

This paragraph shall be effective as of June 22, 1963.

3. Article 12(c) is amended to read as follows:

(c) In no event shall the State be obligated to deliver water to the District through all delivery structures at a total combined instantaneous rate of flow exceeding one hundred fifty-five (155) cubic feet per second, except as this rate of flow may be revised by amendment of this article after submission to the State of the District's requests with respect to maximum flow capacities to be provided in said delivery structures, pursuant to Article 10.

4. Article 47 is added to the contract to read as follows:

47. Amendatory Provisions

a. Surplus Water

Notwithstanding other provisions of this contract, surplus water for agricultural and ground water replenishment use shall be offered to contractors on the following basis. Before surplus water is sold for other than agricultural and ground water replenishment use, each contractor shall have the right, subject to the ability of the State to deliver such water, to contract for agricultural and ground water replenishment use for a portion of the total amount of surplus water available in any year, in an amount which bears the same ratio to the total amount of surplus water available in that year as the sum of the annual entitlements delivered to the contractor for agricultural and ground water replenishment use during the preceding three years bears to the total amount of the annual entitlements delivered for agricultural and ground water replenishment use during the preceding three years of all contractors requesting surplus water: Provided, That if its proportion of such surplus water is not required by or cannot be delivered to any contractor, such amount of additional surplus water shall be offered to other contractors for agricultural and ground water replenishment use. During the first three years in which project water is delivered to a contractor, the State shall determine the amount of surplus water which the contractor may obtain based on the contractor's maximum

annual entitlement and the estimated percentage of its annual entitlement to be delivered for agricultural and ground water replenishment use; but quantities so determined shall not exceed the contractor's annual entitlement for that year. For the purpose of computing the portion of the surplus water for agricultural and ground water replenishment use to which each contractor is entitled, the State shall determine the amounts of water used for agricultural and ground water replenishment use by each contractor in each year: Provided, That each contractor shall furnish certified copies of such records and data concerning the use of water within its boundaries as the State may request.

Surplus water for agricultural and ground water replenishment use shall be furnished at prices which will return to the State the variable operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge incurred in such service of surplus water as determined by the State. A surcharge shall be added to the rate for surplus water furnished to excess land in an amount and under the conditions specified in Article 30 of this contract. Contracts made pursuant to this subdivision may exceed one year in duration.

Except as herein modified, the provisions of Article 21 of this contract are hereby confirmed, and all surplus water not specifically allocated pursuant to this subdivision shall be sold under the provisions of Article 21.

As used in this subdivision "ground water replenishment

use" shall mean the use of project water exclusively by direct application to spreading basins, streambeds, or through other means of direct artificial recharge for the purpose of replenishing overdrawn ground water basins.

b. Surcharge Credit

Notwithstanding other provisions of this contract, the State may include provisions in water supply contracts allowing a credit to a contractor not to exceed the surcharge to be paid by such contractor: Provided, That such credit shall be utilized to reduce the cost of water for agricultural use on other than excess land at a uniform rate per acre-foot not to exceed two dollars (\$2) per acre-foot. Any contract including provisions pursuant to this subdivision shall assure that the reductions in the contractors' obligations authorized by this subdivision are made available exclusively for the benefit of agricultural use on land other than excess land and are not directly or indirectly made available for the benefit of agricultural use on excess land.

IN WITNESS WHEREOF, the parties hereto have executed
this contract on the date first above written.

Approved as to legal form
and sufficiency:

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

J. C. Tourner
Chief Counsel
Department of Water Resources

By William S. Wynn
Director

Attest:

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT

Horace P. Hinckley
Secretary
San Bernardino Valley
Municipal Water District

By A. M. Herman
President

Approved as to form
and execution:

By Henry W. Wiede
General Manager

Robert J. Webb
Counsel
San Bernardino Valley
Municipal Water District

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 2 TO WATER SUPPLY
CONTRACT BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS CONTRACT, made this 28th day of September 1964, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and San Bernardino Valley Municipal Water District, a public agency in the State of California, duly organized, existing, and acting pursuant to the laws thereof with its principal place of business in San Bernardino, California, herein referred to as the "District",

WITNESSETH, That:

WHEREAS, the State is authorized to construct and operate facilities for the storage and conveyance of water, certain of which facilities will make water available to the District, and in particular the East Branch of the California Aqueduct which is scheduled to be ready to deliver water in January 1972; and

WHEREAS, the State and the District have entered into a water supply contract, dated December 30, 1960, as amended November 15, 1963, providing that the State shall supply certain quantities of water to the District, and providing that the District shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment; and

WHEREAS, the maximum annual entitlements under all contracts executed by the State on or before December 31, 1963,

did not aggregate the amount of the minimum project yield as defined in such water supply contract; and

WHEREAS, the District has elected to become entitled to a certain amount of the uncontracted for portion of the minimum project yield under the provisions of Article 8 of the above-mentioned contract and the State has determined that the District can put the water involved to beneficial use within a reasonable period of time; and

WHEREAS, the State and the District are desirous of making certain other changes and additions to such contract, while otherwise continuing the contract in full force and effect; and

WHEREAS, the increase in the minimum project yield provided for in this amendment will, in the opinion of the State's engineering staff, bring about reductions in both the Delta Water Charge and the Transportation Charge to be paid by the District;

NOW THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the District's water supply contract with the State:

1. Subdivision (1) of Article 1 is amended to read as follows:

(1) "Minimum project yield" shall mean the dependable annual supply of project water to be made available, estimated to be 4,230,000 acre-feet per year, said amount to be determined by the State on the basis of coordinated operation studies of initial project conservation facilities, and additional project conservation facilities, which studies shall be based upon:

(1) The estimated relative proportion of deliveries for agricultural use to deliveries for municipal use for the year 1990, and the characteristic distributions of demands for these two uses throughout the year.

(2) An allowable reduction in the agricultural use portion of the minimum project yield, due to drought, of not to exceed fifty percent (50%) in any one year, nor a total of one hundred percent (100%) of one year's supply in any series of seven consecutive years.

(3) Agreements now in effect or as hereafter amended or supplemented between the State and the United States and others regarding the diversion or utilization of waters of the Delta or streams tributary thereto.

2. Table A entitled "Annual Entitlements San Bernardino Valley Municipal Water District," as set forth in Article 6, is amended to read as follows:

TABLE A
ANNUAL ENTITLEMENTS
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

<u>Year</u>	<u>Total Annual Amount in Acre-feet</u>
1	45,541
2	47,559
3	49,806
4	51,826
5	53,842
6	55,860
7	57,878
8	60,010
9	61,913
10	64,161
11	64,161
12	64,161
13	64,161
14	64,161
15	66,179
16	72,462
17	78,745
18	84,915
19	91,198
20	98,000

And each succeeding year thereafter, for the term of this contract: 98,000

3. Subdivision (b) of Article 7 is amended to read as follows:

(b) The maximum amount of project water to be made available to the District in any one year under this contract shall be 98,000 acre-feet, referred to in this contract as the District's maximum annual entitlement, and in no event shall such maximum amount of project water to be made available to the District be increased over this amount, except as is provided for in Articles 8 or 15(c).

4. Subdivision (c) of Article 12 is amended to read as follows:

(c) In no event shall the State be obligated to deliver water to the District through all delivery structures at a total combined instantaneous rate of flow exceeding one hundred seventy nine (179) cubic feet per second, except as this rate of flow may be revised by amendment of this article after submission to the State of the District's requests with respect to maximum flow capacities to be provided in said delivery structures, pursuant to Article 10.

5. Subdivision (a) of Article 16 is amended to read as follows:

(a) The District's maximum annual entitlement hereunder, together with the maximum annual entitlements of all other contractors, shall aggregate no more than the minimum project yield as defined herein and in no event more than 4,230,000 acre-feet of project water.

6. Article 47 is amended to read as follows:

47. Amendatory Provisions

(a) Surplus Water

Notwithstanding other provisions of this contract, surplus water for agricultural and ground water replenishment use shall be offered to contractors on the following basis. Before surplus water is sold for other than agricultural and ground water replenishment use, each contractor shall have the right, subject to the ability of the State to deliver such water and to the provisions of the next succeeding paragraph, to contract for agricultural and ground water replenishment use for a portion of the total amount of surplus water available in any year, in an amount which bears the same ratio to the total amount of surplus water available in that year as the sum of the annual entitlements, set forth in Table A of this contract, delivered to the contractor for agricultural and ground water replenishment use during the preceding three years bears to the total amount of such annual entitlements delivered for agricultural and ground water replenishment use during the preceding three years of all contractors requesting surplus water: Provided, That if its proportion of such surplus water is not required by or cannot be delivered to any contractor, such amount of additional surplus water shall be offered to other contractors for agricultural and ground water replenishment use. During the first three years in which project water is delivered to a contractor, the State shall determine the amount of surplus water which the contractor may obtain based on the contractor's maximum annual entitlement and the estimated percentage of its annual entitlement to be delivered for agricultural and ground

water replenishment use; but quantities so determined shall not exceed the contractor's annual entitlement for that year. For the purpose of computing the portion of the surplus water for agricultural and ground water replenishment use to which each contractor is entitled, the State shall determine the amounts of water used for agricultural and ground water replenishment use by each contractor in each year: Provided, That each contractor shall furnish certified copies of such records and data concerning the use of water within its boundaries as the State may request.

The provisions of this paragraph shall be applicable only to contractors in the San Joaquin Valley Service Area, contractors in the Southern California Service Area, and contractors in the Central Coastal Service Area. Before surplus water is sold for other than agricultural and ground water replenishment use, each such contractor shall have the right, subject to the ability of the State to deliver such water, to contract for agricultural and ground water replenishment use in accordance with the following formula: contractors in the San Joaquin Valley Service Area shall have a right to contract for sixty-nine percent (69%) of the surplus water available at the Mile 18 Pumping Plant; contractors in the Southern California Service Area shall have a right to contract for twenty-nine percent (29%) of such water; and contractors in the Central Coastal Service Area shall have a right to contract for two percent (2%) of such water: Provided, That within each of these service areas, each contractor shall have the right to contract for agricultural and ground water replenishment use for a portion of the total amount of surplus water available to that service area in any year, in an amount which bears the same ratio to the total amount of surplus water

available to the service area in that year as the sum of the annual entitlements, set forth in Table A of this contract, delivered to the contractor for agricultural and ground water replenishment use during the preceding three years bears to the total amount of such annual entitlements delivered for agricultural and ground water replenishment use during the preceding three years of all contractors in that service area requesting surplus water: Provided, further, That if its proportion of such surplus water is not required by or cannot be delivered to any contractor, such amount of additional surplus water shall be offered to other contractors for agricultural and ground water replenishment use. During the first three years in which project water is delivered to a contractor, the State shall determine the amount of surplus water which the contractor may obtain based on the contractor's maximum annual entitlement and the estimated percentage of its annual entitlement to be delivered for agricultural and ground water replenishment use; but quantities so determined shall not exceed the contractor's annual entitlement for that year. As used in this paragraph, "contractors in the San Joaquin Service Area" shall mean: Devil's Den Water District, Dudley Ridge Water District, Empire West Side Irrigation District, Hacienda Water District, Kern County Water Agency, and Tulare Lake Basin Water Storage District; "contractors in the Southern California Service Area" shall mean: Antelope Valley-East Kern Water Agency, City of West Covina, Coachella Valley County Water District, Crestline-Lake Arrowhead Water Agency, Desert Water Agency, Littlerock Creek Irrigation District, Mojave Water Agency, Palmdale Irrigation District, San Bernardino Valley Municipal Water District, San Gabriel Valley Municipal Water

District, San Geronio Pass Water Agency, The Metropolitan Water District of Southern California, Upper Santa Clara Valley Water Agency, and Ventura County Flood Control District; "contractors in the Central Coastal Service Area" shall mean: San Luis Obispo County Flood Control and Water Conservation District and Santa Barbara County Flood Control and Water Conservation District.

The provision of this paragraph shall be applicable only to a contractor to which the delivery of project water for municipal use as of 1990 is estimated by the State to be in excess of fifty percent (50%) of such contractor's maximum annual entitlement. For the purpose of fixing such contractor's right to delivery of surplus water, water from a watershed not tributary to the contractor's area which is delivered within the contractor's boundaries for agricultural or ground water replenishment use shall be deemed to be part of the contractor's annual entitlement delivered for such use in computing the quantity of surplus water to which the contractor is entitled under this subdivision: Provided, That the contractor shall not be deemed to have used more than its annual entitlement, as set forth in Table A, for such use. Surplus water shall be deemed to be used by the contractor for agricultural or ground water replenishment use if an equal quantity of water imported from a watershed not tributary to the contractor's area is delivered within the contractor's boundaries for such use.

In providing for the delivery of surplus water to contractors pursuant to this subdivision, the State shall refuse to deliver such surplus water to any contractor to the extent that the State determines that such delivery would tend to encourage the development of an economy within the area served by such contractor which would be dependent upon the sustained delivery of water in excess of the contractor's maximum annual entitlement. In no event shall the quantity of surplus water made available in any year prior to 1986 to any contractor under this subdivision exceed the difference between its annual entitlement for that year and its maximum annual entitlement, except that, subject to provisions of the immediately preceding sentence, with respect to any contractor which under Table A of its contract is scheduled to receive its maximum annual entitlement prior to 1978, the quantity of surplus water made available in any year prior to 1986 under this subdivision may exceed such difference by not more than 3,000 acre-feet.

Surplus water for agricultural and ground water replenishment use shall be furnished at prices which will return to the State the variable operation, maintenance, power and replacement components of the Delta Water Charge and Transportation Charge incurred in such service of surplus water as determined by the State. Surplus water delivered under this subdivision shall be limited to the quantity of water which can be delivered without adversely affecting the reliability, or increasing the cost, of service to meet annual entitlements. A surcharge shall be added to the rate for surplus water furnished to excess land in an amount

and under the conditions specified in Article 30 of this contract. Contracts made pursuant to this subdivision may exceed one year in duration.

Except as herein modified, the provisions of Article 21 of this contract are hereby confirmed, and all surplus water not specifically allocated pursuant to this subdivision shall be sold under the provisions of Article 21. Nothing in this subdivision shall limit the right of the District to increase its annual entitlements as otherwise provided in this contract.

As used in this subdivision "ground water replenishment use" shall mean the use of project water exclusively by direct application to spreading basins, streambeds, or through other means of direct artificial recharge for the purpose of replenishing over-drawn ground water basins.

(b) Surcharge Credit

Notwithstanding other provisions of this contract, the State may allow a credit to each contractor not to exceed the surcharge paid by such contractor.

For the purpose of this contract, the surcharge credit shall be determined and applied in the following manner:

(1) The State shall, in each year after the year of initial water delivery, allow a credit to the District in the amount of the surcharge forwarded by the District to the State in the preceding year.

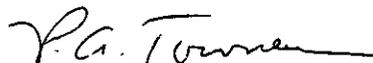
(2) The District shall not establish water rates, or tax or assessment rates, so as to cause the surcharge credit to be passed on to water users in a manner which will bring about

a greater reduction in the cost per acre-foot of project water put to use on excess land than such cost of project water put to use on other than excess land.

This subdivision 47(b) shall be separable from all other provisions in this contract, and in the event that any or all of the provisions of this subdivision are in any manner or to any extent held to be invalid by final judgment or decree of a court of competent jurisdiction, such holding and such invalidity shall in no way affect the validity of, or make invalid, any other provision of this contract.

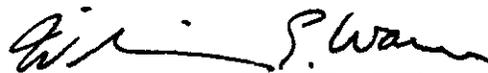
IN WITNESS WHEREOF, the parties hereto have executed this contract on the date first above written.

Approved as to legal form
and sufficiency:



Chief Counsel
Department of Water Resources

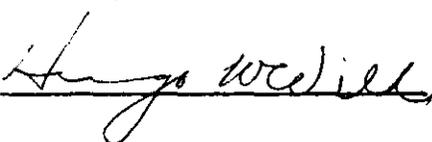
STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES



Approved as to form
and execution:



SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT



STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 3 TO WATER SUPPLY
CONTRACT BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS CONTRACT, made this *26th* day of *June*, 1968, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and San Bernardino Valley Municipal Water District, a public agency in the State of California, duly organized, existing, and acting pursuant to the laws thereof with its principal place of business in San Bernardino, California, herein referred to as the "District",

WITNESSETH, That:

WHEREAS, the State is authorized to construct and operate facilities for the storage and conveyance of water, certain of which facilities will make water available to the District; and

WHEREAS, the State and the District have entered into a water supply contract, dated December 30, 1960, as amended by Amendment No. 1 dated November 15, 1963, and Amendment

No. 2 dated September 28, 1964, providing that the State shall supply certain quantities of water to the District, and providing that the District shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment; and

WHEREAS, the maximum annual entitlements under all contracts executed by the State do not aggregate the amount of the minimum project yield as defined in such water supply contract; and

WHEREAS, the District has requested that it become entitled to a certain amount of the uncontracted for portion of the minimum project yield and the State after consideration of all such requests has determined that the District can best put a portion of the water involved to beneficial use within a reasonable period of time; and

WHEREAS, the State and the District are desirous of making certain other changes and additions to such contract, while otherwise continuing the contract in full force and effect;

NOW THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the District's water supply contract with the State:

1. Table A of the contract entitled "Annual Entitlements San Bernardino Valley Municipal Water District" as set forth in Article 6 is amended to read as follows:

TABLE A
Annual Entitlements
San Bernardino Valley Municipal Water District

<u>Year</u>	<u>Total Annual Amount in Acre-feet</u>
1	46,000
2	48,000
3	50,000
4	52,500
5	55,000
6	57,500
7	60,000
8	62,500
9	65,500
10	68,500
11	71,500
12	74,500
13	78,000
14	81,500
15	85,000
16	89,000
17	93,000
18	97,000
19	101,500
20	102,600

And each succeeding year thereafter, for the term of this contract:

102,600

2. Subdivision (b) of Article 7 is amended to read as follows:

(b) The maximum amount of project water to be made available to the District in any one year under this contract shall be one hundred two thousand six hundred (102,600) acre-feet, referred to in this contract as the District's maximum annual entitlement, and in no event shall such maximum amount of project water to be made available to the District be increased over this amount, except as provided for in Articles 8 and 15(c).

3. Subdivision (c) of Article 12 is amended to read as follows:

(c) In no event shall the State be obligated to deliver water to the District through all delivery structures at a total combined instantaneous rate of flow exceeding one hundred eighty-eight (188) cubic feet per second, except as this rate of flow may be revised by amendments of this article after submission to the State of the District's requests with respect to maximum flow capacities to be provided in said delivery structures, pursuant to Article 10.

IN WITNESS WHEREOF, the parties hereto have executed this contract on the date first above written.

Approved as to legal form
and sufficiency:

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

P. A. Turner
Chief Counsel
Department of Water Resources

By [Signature]
Director

Approved as to form and
execution:

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT

James W. Dilworth

By Joseph S. Branch
President

By L. R. [Signature]
Secretary

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 4 TO WATER SUPPLY CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS CONTRACT, made this 31st day of November 1969,
pursuant to the provisions of the California Water Resources
Development Bond Act, the State Central Valley Project Act, and
other applicable laws of the State of California, between the State
of California, acting by and through its Department of Water
Resources, herein referred to as the "State", and San Bernardino
Valley Municipal Water District,
herein referred to as the "Agency";

WITNESSETH, That

WHEREAS, the State and the Agency have entered into and
subsequently amended a water supply contract providing that the
State will supply certain quantities of water to the Agency, and
providing that the Agency shall make certain payments to the State,
and setting forth the terms and conditions of such supply and such
payment; and

WHEREAS, Article 22(b) of such water supply contract pro-
vides that for each year through the year 1969 the Delta Water
Charge shall be the product of \$3.50 and the Agency's annual entitle-
ment for the respective year and that beginning in the year 1970, the
Delta Water Charge shall be the sum of the capital cost component,
minimum operation, maintenance, power and replacement component, and

variable operation, maintenance, power and replacement component computed in accordance with Articles 22(c) and (d) of the water supply contract; and

WHEREAS, Articles 22(e) and (g) of such water supply contract provide that the Delta Water Charge as computed in accordance with Articles 22(c) and (d) shall include all projected costs of additional project and supplemental conservation facilities commencing in the years in which the State first incurs capital costs for such facilities after the facilities are authorized; and

WHEREAS, the parties desire that all water supply contracts be amended to postpone inclusion of the projected costs of any authorized additional project and supplemental conservation facilities in the computation of the Delta Water Charge until after the year 1970 and to fix the rate for computing the Delta Water Charge for the year 1970 at \$6.65; and

WHEREAS, the payments to be made by the Agency to the State include interest calculated at the "project interest rate" defined in Article 1 (s) of such water supply contract to mean the weighted average of the interest rates paid by the State on bonds issued under the Water Resources Development Bond Act (Bond Act) disregarding premiums received on the sale of such bonds; and

WHEREAS, the underlying assumption upon which the "project interest rate" was established was that all of the initial facilities of the State Water Resources Development System (Project) would be financed principally with proceeds of bonds issued under the Bond Act or from other sources on which the interest rate would not exceed that of the bonds issued under the Bond Act; and

WHEREAS, the State already has financed the Oroville-

Thermalito power facilities through Central Valley Project Revenue Bonds and may finance other portions of the project facilities through additional revenue bond issues, bonds issued under other authority granted by the Legislature or the voters, bonds issued by other state agencies, advances from contractors, and other methods under which the financing costs relate to interest rates that may exceed the interest rate of the bonds issued under the Bond Act; and

WHEREAS, either the State or contractors making advances to the State may be subject to interest rates, or other financing costs that relate to interest rates, which will be greater than the "project interest rate" as presently defined in the contracts; and

WHEREAS, the parties desire that (1) the interest costs hereafter incurred by or on behalf of the State in financing the construction of project facilities by means other than the use of moneys provided under the Bond Act will be reflected in appropriate adjustments of the "project interest rate" (excepting the interest costs incurred for the Central Valley Project Revenue Bonds issued prior to the date of this amendment); (2) appropriate credit will be given to any contractor having made an advance of funds to the State corresponding to the bond service obligation payable by such contractor by reason of such advance or if bonds were not used to obtain funds for such advance, then to the net interest cost which would have resulted if the contractor had sold bonds for the purpose of funding the advance; and (3) if any sources of funds other than those provided under the Bond Act are employed to finance the construction of specific project facilities and the interest or other costs of such financing are greater than the cost would have been if bonds issued under the Bond Act had been used, appropriate

adjustments to the charges to contractors will be made with respect to such facilities so that the charges to contractors taking water through reaches which include such facilities will be the same after such adjustments as such charges would have been if such facilities had been financed by the use of proceeds of bonds issued under the Bond Act, except insofar as the "project interest rate" has been adjusted pursuant to (1) in this recital:

NOW THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Agency's water supply contract with the State:

1. Subdivision (b) of Article 22 is amended to read as follows:

For each contractor receiving project water in any year through December 31, 1969, the Delta Water Charge shall be the product of \$3.50 and the contractor's annual entitlement to project water for the respective year. For each contractor receiving project water in the year 1970, the Delta Water Charge shall be the product of \$6.65 and the contractor's annual entitlement to project water for that year. The \$6.65 rate for the year 1970 shall consist of a capital cost component of \$5.04 and a minimum operation, maintenance, power and replacement component of \$1.61. After December 31, 1970, the Delta Water Charge shall consist and be the sum of the following components as these are computed in accordance with subdivisions (c) and (d) of this article: a capital cost component; a minimum operation, maintenance, power and replacement component; and a variable operation, maintenance, power and replacement component.

2. Subdivision (s) of Article 1 is amended to read as follows:

"Project interest rate" shall mean the weighted average interest rate of (1) through (6) below computed by dividing (1) the total interest cost required to be paid or credited by the State during the life of the indebtedness or advance by (ii) the total of the products of the various principal amounts and the respective terms in years of all such amounts:

- (1) general obligation bonds issued by the State under the Bond Act,
- (2) revenue bonds issued by the State under the Central Valley Project Act after May 1, 1969,
- (3) bonds issued by the State under any other authority granted by the Legislature or the voters,
- (4) bonds issued by any agency, district, political subdivision, public corporation, or non-profit corporation of this State,
- (5) funds advanced by any contractor without the actual incurring of bonded debt therefor, for which the net interest cost and terms shall be those which would have resulted if the contractor had sold bonds for the purpose of funding the advance, as determined by the State, and
- (6) funds borrowed from the General Fund or other funds in the Treasury of the State of California, for which the total interest cost shall be computed at the interest rate earned over the period of such borrowing

by moneys in the Pooled Money Investment
Account of such Treasury invested in
securities,

to the extent the proceeds of any such bonds, advances or loans are for construction of the State Water Facilities defined in Section 12934(d) of the Water Code, the additional project conservation facilities, and the supplemental conservation facilities (except advances for delivery structures, measuring devices and excess capacity) and without regard to any premiums received on the sale of bonds under item (1) above. The "project interest rate" shall be computed as a decimal fraction to five places.

3. Subdivision (g) of Article 17 is added to the contract to read as follows:

(g) Adjustments Due to Supplemental Financing Costs

(1) If a contractor, with approval of the State, advances funds to the State to assist the State in financing construction of project facilities (not including delivery structures, measuring devices and excess capacity), such advance shall be amortized by means of annual credits to the contractor having made such advance of funds to the State, with such credits being equal to the actual bond service obligations payable by such contractor by reason of such advance or, if no bonded debt was incurred, then such credits shall be sufficient to cover the repayment of principal and interest costs which would have resulted if the contractor had sold bonds for the purpose of funding the advance as determined by the State.

(2) If, after May 1, 1969, any source of funds other than those provided by the Bond Act is employed to finance

construction of specific project facilities, any additional costs incurred because of such financing will not be charged to the contractors, except for adjustments to the "project interest rate".

Approved as to legal form and sufficiency:

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

P. A. Towne
Chief Counsel
Department of Water Resources
P. O. Box 388
Sacramento, California

By *W. Genelli*
Director

Approved as to form and execution:

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT

James W. Dilworth
Counsel

By *George K. ...*
President

By *F. K. ...*
Secretary

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 5 TO WATER SUPPLY CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS CONTRACT, made this 31st day of December , 1970, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and **San Bernardino Valley Municipal Water District**, herein referred to as the "Agency";

WITNESSETH, That

WHEREAS, the State and the Agency have entered into and subsequently amended a water supply contract providing that the State will supply certain quantities of water to the Agency, and providing that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment; and

WHEREAS, Article 22(b) of such water supply contract, as amended, provides that for each year through the year 1969 the Delta Water Charge shall be the product of \$3.50 and the Agency's annual entitlement for the respective year, that for the year 1970 the Delta Water Charge shall be the product of \$6.65 and the Agency's annual entitlement for that year, and that beginning in the year

1971 the Delta Water Charge shall be the sum of the capital cost component, minimum operation, maintenance, power and replacement component, and variable operation, maintenance, power and replacement component computed in accordance with Articles 22(c) and (d) of the water supply contract; and

WHEREAS, Articles 22(e) and (g) of such water supply contract provide that the Delta Water Charge as computed in accordance with Articles 22(c) and (d) shall include all projected costs of additional project and supplemental conservation facilities commencing in the years in which the State first incurs capital costs for such facilities after the facilities are authorized; and

WHEREAS, the parties desire that all water supply contracts be amended to postpone inclusion of the projected costs of any authorized additional project and supplemental conservation facilities in the computation of the Delta Water Charge until after the year 1971 and to fix the rate for computing the Delta Water Charge for the year 1971 at \$7.24;

NOW, THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Agency's water supply contract with the State:

1. Subdivision (b) of Article 22 is amended to read as follows:

For each contractor receiving project water in any year through December 31, 1969, the Delta Water Charge shall be the product of \$3.50 and the contractor's annual entitlement to project water for the respective year. For each contractor receiving project water in the year 1970, the Delta Water Charge shall be the

product of \$6.65 and the contractor's annual entitlement to project water for that year. The \$6.65 rate for the year 1970 shall consist of a capital cost component of \$5.04 and a minimum operation, maintenance, power and replacement component of \$1.61. For each contractor receiving project water in the year 1971, the Delta Water Charge shall be the product of \$7.24 and the contractor's annual entitlement to project water for that year. The \$7.24 rate for the year 1971 shall consist of a capital cost component of \$5.44 and a minimum operation, maintenance, power and replacement component of \$1.80. After December 31, 1971, the Delta Water Charge shall consist and be the sum of the following components as these are computed in accordance with subdivisions (c) and (d) of this article: a capital cost component; a minimum operation, maintenance, power and replacement component; and a variable operation, maintenance, power and replacement component.

Approved as to legal form and sufficiency:

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

V.C. Torune
Chief Counsel
Department of Water Resources
P. O. Box 388
Sacramento, California

By *W. K. Kinnell*
Director

Approved as to form and execution:

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT

James W. Dilworth

By *Joseph E. Bonach*
President

By *Le Roy Halverson*
Secretary

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 6 TO WATER SUPPLY CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS CONTRACT, made this 27th day of December, 1971, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and San Bernardino Valley Municipal Water District, herein referred to as the "Agency";

WITNESSETH, That:

WHEREAS, the State and the Agency have entered into and subsequently amended a water supply contract providing that the State will supply certain quantities of water to the Agency, and providing that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment; and

WHEREAS, Article 22(b) of such water supply contract, as amended, provides that for each year through the year 1969 the Delta Water Charge shall be the product of \$3.50 and the Agency's annual entitlement for the respective year, that for the year 1970 the Delta Water Charge shall be the product of \$6.65 and the

Agency's annual entitlement for that year, that for the year 1971 the Delta Water Charge shall be the product of \$7.24 and the Agency's annual entitlement for that year, and that beginning in the year 1972 the Delta Water Charge shall be the sum of the capital cost component, minimum operation, maintenance, power and replacement component, and variable operation, maintenance, power and replacement component computed in accordance with Articles 22(c) and (d) of the water supply contract; and

WHEREAS, Articles 22(e) and (g) of such water supply contract provide that the Delta Water Charge as computed in accordance with Articles 22(c) and (d) shall include all projected costs of additional project and supplemental conservation facilities commencing in the years in which the State first incurs capital costs for such facilities after the facilities are authorized; and

WHEREAS, the parties desire that all water supply contracts be amended to postpone inclusion of the projected costs of any authorized additional project and supplemental conservation facilities in the computation of the Delta Water Charge until the happening of certain events;

NOW, THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Agency's water supply contract with the State:

1. Subdivision (e) of Article 22 is amended to read as follows:

Prior to the time that additional project conservation facilities or supplemental conservation facilities are constructed,

the Delta Water Charge shall be determined on the basis of an allocation to project purposes, by the separable cost-remaining benefits method, of all actual and projected costs of all those initial project conservation facilities located in and above the Delta, and upon an allocation to the purposes of water conservation and water transportation, by the proportionate use of facilities method, of all actual and projected costs of the following project facilities located below the Delta: The aqueduct intake facilities at the Delta, Pumping Plant I (Delta Pumping Plant), the aqueduct from the Delta to San Luis Forebay (O'Neill Forebay), San Luis Forebay (O'Neill Forebay), and San Luis Reservoir: Provided, That all of the actual and projected costs properly chargeable to the generation and transmission of electrical energy in connection with operation of project conservation facilities shall be allocated to the purpose of water conservation in, above, and below the Delta: Provided further, That allocations to purposes the cost of which are to be paid by the United States shall be as determined by the United States.

Commencing in the year in which the State first awards a major construction contract for construction of a major feature of additional project conservation facilities, or first commences payments under a contract with a federal agency in the event a major feature of additional project conservation facilities is constructed by such federal agency under an agreement requiring the State to pay all or part of the costs of such construction, the Delta Water Charge shall be determined on the basis of the

foregoing allocations and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to the foregoing provisos, of all projected costs of such feature of the additional project conservation facilities: Provided, That if the agreement with such federal agency allows repayment of costs of a portion of a facility to be deferred, the associated costs of such portion shall be excluded from the Delta Water Charge computations until repayment of such deferred costs or interest thereon is commenced by the State: Provided further, That all costs of additional project conservation facilities incurred prior to the award of a major construction contract, shall be included in the Delta Water Charge computations in the year in which they are incurred.

2. Subdivision (g) of Article 22 is amended to read as follows:

Upon the construction of the supplemental conservation facilities, the Delta Water Charge shall be paid by all contractors for supplemental water, as well as by contractors for project water, and, together with revenues derived from the sale or other disposal of electrical energy generated in connection with operation of project conservation facilities and supplemental conservation facilities, shall return to the State, in addition to those costs of the project conservation facilities allocated to the purpose of water conservation, in, above, and below the Delta pursuant to subdivision (e) of this article, all costs of such supplemental conservation facilities, including capital, operation, maintenance, power, and replacement costs

which are allocated to the purpose of water conservation, in, above, and below the Delta pursuant hereto. Commencing in the year in which the State first awards a major construction contract for construction of a major feature of any supplemental conservation facilities, or first commences payments under a contract with a federal agency in the event a major feature of supplemental conservation facilities is constructed by such federal agency under an agreement requiring the State to pay all or part of the costs of such construction, the Delta Water Charge shall be determined on the basis of the allocations made pursuant to subdivision (e) of this article, and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to provisos corresponding to those contained in said subdivision (e), of all projected costs of such feature of the supplemental conservation facilities. Commencing in the same year, the computation of the rates to be used in determining the components of the Delta Water Charge shall include the annual entitlements to water under all contracts for supplemental water. If the repayment period of any bonds sold to construct supplemental conservation facilities or the repayment period under any agreement with a federal agency for repayment of the costs of supplemental conservation facilities constructed by such federal agency extends beyond the repayment period of the contract, the Delta Water Charge shall be determined and redetermined on the basis of such extended repayment period as the State determines to be appropriate: Provided, That if the agreement with such federal agency allows repayment of costs

of a portion of a facility to be deferred, the associated costs of such portion shall be excluded from the Delta Water Charge computations until repayment of such deferred costs or interest thereon is commenced by the State.

IN WITNESS WHEREOF, the parties hereto have executed this contract on the date first above written.

Approved as to legal form
and sufficiency:

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

By *P. A. Toure*
Chief Counsel
Department of Water Resources

By *W. Gianelli*
Director

Approved as to form
and execution:

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT

By *James W. Dalworth*
(Title) General Counsel
San Bernardino Valley
Municipal Water District

By *Joseph E. Brinkman*
(Title) President of the
Board of Directors

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 7 TO WATER SUPPLY CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS CONTRACT, made as of the 15th day of October, 1972, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and San Bernardino Valley Municipal Water District, herein referred to as the "Agency";

WITNESSETH, That:

WHEREAS, the State and the Agency have entered into and subsequently amended a water supply contract, dated December 30, 1960 (herein referred to as the "Amended Contract") providing that the State shall supply certain quantities of water to the Agency, and that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment; and

WHEREAS, the Amended Contract provides for a surcharge equivalent to the power credit per acre-foot of water to be charged to water users, other than the United States or the State of California, for each acre-foot of project water determined to have been put to agricultural or manufacturing uses on excess land, for collection by the Agency either itself or through a

retail agency or another agency, for payment to the State of such surcharge, and for the allowance, on specified terms and conditions, of the amount of such surcharge as a credit to the Agency; and

WHEREAS, the Amended Contract establishes the power credit per acre-foot of water as two dollars until all of the facilities for generation of electrical energy in connection with operation of initial project conservation facilities are installed and in operation, and provides for a redetermination of such credit thereafter to reflect accurately increases or decreases from year to year in the power credit; and

WHEREAS, the provisions of the Amended Contract providing for or related to the power credit, surcharge and surcharge credit have been suspended as to water deliveries during the years prior to 1972 pending redetermination of the power credit and a reevaluation of the merits of such contract provisions; and

WHEREAS, estimates indicate that the power credit will be relatively negligible in amount and that administrative costs associated with the power credit, surcharge and surcharge credit provisions will be excessively burdensome to the Agency and its water users; and

WHEREAS, the power credit, surcharge and surcharge credit provisions rest on unclear, confused or mistaken premises and should no longer be retained;

NOW, THEREFORE, it is mutually agreed as follows:

There are hereby deleted from the Amended Contract the following:

1. Article 30 entitled "Surcharge for Excess Use of Project Water".

2. The next-to-the-last sentence of the fifth paragraph of subdivision (a) of Article 47, entitled "Surplus Water", which reads as follows:

"A surcharge shall be added to the rate for surplus water furnished to excess land in an amount and under the conditions specified in Article 30 of this contract".

3. Subdivision (b) of Article 47 entitled "Surcharge Credit".

IN WITNESS WHEREOF, the parties hereto have executed this contract amendment as of the date first above written.

Approved as to legal form and sufficiency:

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

By *R.C. Towne*
Chief Counsel
Department of Water Resources

By *Williamelli*
Director

Attest:

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT

By *S. R. Wood*
(Title) Secretary
Board of Directors

By *James E. Bruchman*
(Title) President
Board of Directors

Approved as to form and execution:

By *Michael T. Kilvert*
(Title) General Counsel

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 8 TO WATER SUPPLY CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS CONTRACT, made this *26th* day of *December*, 1972, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and San Bernardino Valley Municipal Water District, herein referred to as the "Agency";

WITNESSETH, That:

WHEREAS, the State and the Agency have entered into and subsequently amended a water supply contract providing that the State will supply certain quantities of water to the Agency, and providing that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment; and

WHEREAS, Article 28 of such water supply contract provides that the State shall redetermine the annual amounts of the Transportation Charge in order that the charges to the Agency may accurately reflect increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State, annual entitlements, estimated deliveries, project

interest rate, and all other factors which are determinative of such charges; and

WHEREAS, Article 28 also provides that each such redetermination shall include an adjustment of the components of the Transportation Charge to be paid by the Agency for succeeding years which shall account for differences, if any, between projections used by the State in determining the amounts of such components for all preceding years and actual costs incurred by the State during such years, but does not specify the computational details or the method of payment of such adjustments; and

WHEREAS, the State has been including such adjustments as "one-shot" credits or additional charges to be subtracted from or added to the Transportation Charge to be paid by the Agency in the year following the redetermination; and

WHEREAS, the magnitude of such adjustments together with changes in other determinants of charges may be significantly different in comparison with the amounts projected by the State under previous determinations and could impair the planned fiscal operations of the Agency, depending on the method of payment, and the parties desire to amend the contract to provide a method of amortizing the payment of the amounts of such differences over two or more years, depending on the magnitude of the differences; and

WHEREAS, bookkeeping will be simplified if the amortization of the payments of the amounts of such differences is

reflected solely in the capital cost component of the Transportation Charge; and

WHEREAS, the method of payment should apply regardless of whether the adjustments tend to increase or to decrease the Transportation Charge;

NOW THEREFORE, it is mutually agreed that effective January 1, 1973, Article 28 of the Agency's Water Supply Contract with the State is amended to read as follows:

28. Transportation Charge - Redetermination

(a) Determinative Factors Subject to Retro-active Change

The State shall redetermine the values and amounts set forth in Tables B, C, D, E, F, and G of this contract in the year following the year in which the State commences construction of the project transportation facilities and each year thereafter in order that the Transportation Charge to the Agency and the components thereof may accurately reflect the increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State incurred to construct the project transportation facilities described in Table I of this contract, annual entitlements, estimated deliveries, project interest rate, and all other factors which are determinative of such charges. In addition, each such redetermination shall include an adjustment of the components of the Transportation Charge to be paid by the Agency for succeeding years which shall account for the differences, if any, between those factors used by the State in determining the amounts of such components for all preceding years and the factors as then currently known by

the State. Such adjustment shall be computed by the State and paid by the Agency or credited to the Agency's account in the manner described in (b) and (c) below.

(b) Adjustment: Transportation Charge-Capital Cost Component

Adjustments for prior underpayments or overpayments of the capital cost component of the Transportation Charge to the Agency, together with accrued interest charges or credits thereon computed at the then current project interest rate on the amount of the underpayment or overpayment and compounded annually for the number of years from the year the underpayment or overpayment occurred to and including the year following the redetermination, shall be paid in the year following the redetermination: Provided, That the Agency may elect to exercise the option whereby when the redetermined Transportation Charge for the following year, with adjustments, including adjustments of the operation, maintenance, power, and replacement components provided for in subdivision (c) of this article, is more or less than the last estimate of the Charge provided pursuant to Article 27 for the corresponding year, without adjustments, an amount equal to the total of such difference shall be deducted from or added to the adjusted capital cost component for that year and paid or credited in accordance with the following schedule:

<u>Percent that Transportation Charge differs from last estimate (+ or -)</u>	<u>Period, in years, for amortizing the difference in indicated charge</u>
for 10% or less	no amortization
more than 10%, but not more than 20%	2
more than 20%, but not more than 30%	3
more than 30%, but not more than 40%	4
more than 40%.	5

Such payments or credits shall be in equal semi-annual amounts of principal and interest on or before the 1st day of January and the 1st day of July, with interest computed at the project interest rate and compounded annually, during varying amortization periods as set forth in the preceding schedule: Provided, That for the purpose of determining the above differences in the Transportation Charge, the variable operation, maintenance, power, and replacement component shall be computed on the basis of the same estimated project water deliveries as was assumed in computing pursuant to Article 26(c).

(c) Adjustment: Transportation Charge-Minimum and Variable Components

One-twelfth of the adjustments for prior underpayments or overpayments of the Agency's minimum and variable operation, power, and replacement components for each year shall be added or credited to the corresponding components to be paid in the corresponding month of the year following the redetermination, together with accrued interest charges or credits thereon computed at the then current project interest rate on the amount of the underpayment or overpayment and compounded annually for the number of years from the year the underpayment or overpayment occurred to and including the year following the redetermination.

(d) Exercise of Option

The option provided for in subdivision (b) above shall be exercised in writing on or before the January 1 due date of the first payment of the capital cost component of

the Transportation Charge for the year in which the option is to become effective.

Such option, once having been exercised, shall be applicable for all of the remaining years of the project repayment period.

IN WITNESS WHEREOF, the parties hereto have executed this contract on the date first above written.

Approved as to legal form and sufficiency:

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

By *P. A. Turner*
Chief Counsel
Department of Water Resources

By *W. Genelle*
Director

Attest:

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT

By *L. L. Maloney*
(Title) Secretary

By *Joseph E. Bondman*
(Title) President

Approved as to form and execution:

By *James W. Edworth*
(Title) General Counsel

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 9 TO WATER SUPPLY CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS CONTRACT, made this 24th day of January , 1973, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and San Bernardino Valley Municipal Water District, herein referred to as the "Agency";

WITNESSETH, That:

WHEREAS, the State and the Agency have entered into and subsequently amended a water supply contract providing that the State will supply certain quantities of water to the Agency, and providing that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment; and

WHEREAS, the annual entitlement for the first year (1972) of water deliveries under the Agency's contract is 46,000 acre-feet; and

WHEREAS, certain of the project facilities necessary to commence initial deliveries of project water to the Agency were not completed in sufficient time to allow the Agency to take

delivery of all of its annual entitlement for 1972 on a reasonable schedule; and

WHEREAS, the State has developed a proposed adjustment of the Agency's 1972 entitlement taking into consideration the monthly distribution of 1972 project water deliveries as requested in its five-year delivery schedule submitted to the State in 1967; and

WHEREAS, the Agency has requested that its annual entitlement for the first year of water deliveries be decreased accordingly; and

WHEREAS, the State has determined that a decrease from 46,000 acre-feet to 1,677 acre-feet is justified and that allowing such a decrease in the Agency's 1972 annual entitlement will not impair the financial feasibility of the project facilities;

NOW THEREFORE, it is mutually agreed as follows:

Table A included in Article 6 of the Agency's water supply contract is amended to read as follows:

TABLE A
ANNUAL ENTITLEMENTS
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

<u>Year</u>	<u>Total Annual Amount in acre-feet</u>
1	1,677
2	48,000
3	50,000
4	52,500
5	55,000
6	57,500
7	60,000
8	62,500
9	65,500
10	68,500
11	71,500
12	74,500
13	78,000

14	81,500
15	85,000
16	89,000
17	93,000
18	97,000
19	101,500
20	102,600

And each succeeding year thereafter, for the term of this contract:

102,600

IN WITNESS WHEREOF, the parties hereto have executed this contract amendment on the date first above written.

Approved as to legal form and sufficiency:

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

By *J.P. Turner*
Chief Counsel
Department of Water Resources

By *W. J. Genelli*
Director

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT

By *Lloyd Grant*
(Title) President
Board of Directors

THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 10 TO WATER SUPPLY CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS CONTRACT, made this 21st day of January, 1980,
pursuant to the provisions of the California Water Resources
Development Bond Act, the State Central Valley Project Act, and
other applicable laws of the State of California, between the
State of California, acting by and through its Department of Water
Resources, herein referred to as the "State", and San Bernardino
Valley Municipal Water District, herein referred to as the
"Agency";

WHEREAS, the State and the Agency have entered into and
subsequently amended a water supply contract providing that the
State will supply certain quantities of water to the Agency, and
providing that the Agency shall make certain payments to the
State, and setting forth the terms and conditions of such supply
and such payment; and

WHEREAS, the State and the Agency desire to make certain
changes and additions to such contract, while otherwise continuing
the contract in full force and effect;

NOW, THEREFORE, it is mutually agreed that the following
changes and additions are hereby made to the Agency's water
supply contract with the State;

1. Subdivision v of Article 1 of the Agency's Water
Supply Contract with the State is amended to read as follows:

(v) Project Repayment Period

"Project repayment period" shall mean that period of years commencing on January 1, 1961, and extending until December 31, 2035; Provided, that whenever construction of any project facilities is financed by a bond issue with maturity dates later than December 31, 2035, whether the bonds are issued pursuant to the Bond Act or other authority, repayment of the costs of such facilities shall be extended to end on the date of the latest maturities of the bonds with which construction of such facilities is financed.

2. Article 2 of the Agency's Water Supply Contract with the State is amended to read as follows:

(2) Term of Contract

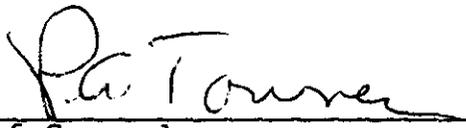
This contract shall become effective on the date first above written and shall remain in effect for the longest of the following:

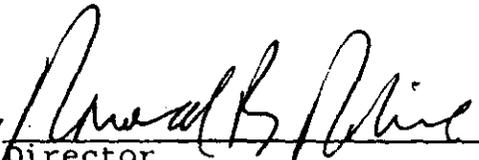
1. The project repayment period
2. 75 years
3. The period ending with the latest maturity date of any bond issue used to finance the construction costs of project facilities.

IN WITNESS WHEREOF, the parties hereto have executed
this contract amendment on the date first above written.

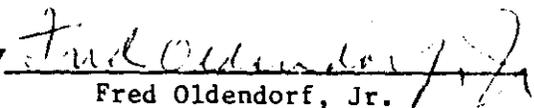
Approved as to legal form
and sufficiency:

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

by 
Chief Counsel
Department of Water Resources

by 
Director

SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT

by 
Fred Oldendorf, Jr.

Title President

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 11 TO WATER SUPPLY CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND THE
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS CONTRACT, made this 23rd day of February,
1982, pursuant to the provisions of the California Water Resources
Development Bond Act, the State Central Valley Project Act, and
other applicable laws of the State of California, between the
State of California, acting by and through its Department of Water
Resources, herein referred to as the "State", and San Bernardino
Valley Municipal Water District, herein referred to as the
"District";

WHEREAS, the State and the District have entered into
and subsequently amended a water supply contract providing that
the State will supply certain quantities of water to the District,
and providing that the District shall make certain payments to the
State, and setting forth the terms and conditions of such supply
and such payment; and

WHEREAS, the State and the District desire to make
certain changes and additions to such contract, while otherwise
continuing the contract in full force and effect;

NOW, THEREFORE, it is mutually agreed that the following
changes and additions are hereby made to the District's water
supply contract with the State:

1. Article 1(e) is amended to read:

(e) "Project facilities" shall mean those facilities of the system which will, in whole or in part, serve the purposes of this contract by conserving water and making it available for use in and above the Delta and for export from the Delta and from such additional facilities as are defined in Article 1(h)(2) herein, and by conveying water to the District. Said project facilities shall consist specifically of "project conservation facilities" and "project transportation facilities", as hereinafter defined.

2. Article 1(h) is amended to read:

(h) "Additional project conservation facilities" shall mean the following facilities and programs which will serve the purpose of preventing any reduction in the minimum project yield as hereinafter defined:

(1) Those project facilities specified in Section 12938 of the Water Code;

(2) Those facilities and programs described in (A), (B), (C), (D), and (E) below which, in the State's determination, are engineeringly feasible and capable of producing project water which is economically competitive with alternative new water supply sources, provided that, in the State's determination, the construction and operation of such facilities and programs will not interfere with the requested deliveries of annual entitlement to any contractor other than the sponsoring contractor, and will not result in any greater annual charges to any contractor other than the sponsoring contractor than would have occurred with the construction at the same time of alternative new water supply

sources which are either reservoirs located north of the Delta or off-Aqueduct storage reservoirs located south or west of the Delta designed to supply water to the California Aqueduct. The following facilities and programs shall hereinafter be referred to as "Local Projects":

(A) On-stream and off-stream surface storage reservoirs not provided for in Section 12938 of the Water Code, that will produce project water for the System for a period of time agreed to by the sponsoring contractor;

(B) Ground water storage facilities that will produce project water for the System for a period of time agreed to by the sponsoring contractor;

(C) Waste water reclamation facilities that will produce project water for the System for a period of time agreed to by the sponsoring contractor;

(D) Water and facilities for delivering water purchased by the State for the System for a period of time agreed to by the sponsoring contractor; provided that the economic test specified herein shall be applied to the cost of these facilities together with the cost of the purchased water; and

(E) Future water conservation programs and facilities that will reduce demands by the sponsoring contractor for project water from the System for a period of time agreed to by the sponsoring contractor and will thereby have the effect of increasing project water available in the Delta for distribution.

(3) Whether a Local Project described in (2) above shall be considered economically competitive shall be determined

by the State by comparing, in an engineering and economic analysis, such Local Project with alternative new water supply sources which are either reservoirs located north of the Delta or off-Aqueduct storage reservoirs located south or west of the Delta designed to supply water to the California Aqueduct. The analysis for such alternative new water supply sources shall use the average cost per acre-foot of yield in the latest studies made for such sources by the State and shall compare those facilities with the proposed Local Project using commonly accepted engineering economics. In the case of a Local Project to be funded in part by the State as part of the System and in part from other sources, the economic analysis specified herein shall be applied only to the portion to be funded by the State as part of the System.

(4) The Local Projects in (2) above shall not be constructed or implemented unless or until:

(A) The sponsoring contractor signs a written agreement with the State which:

(i) Contains the sponsoring contractor's approval of such facility or program.

(ii) Specifies the yield and the period of time during which the water from the Local Project shall constitute project water; and

(iii) Specifies the disposition of such Local Project or of the yield from such Local Project upon the expiration of such period of time; and

(B) All contractors within whose boundaries any portion of such Local Project is located, and who are not

sponsoring contractors for such Local Project give their written approval of such Local Project.

(5) "Sponsoring contractor" as used in this Article 1(h) shall mean the contractor or contractors who either will receive the yield from facilities described in 2(A), (B), (C), or (D) above, or agree to reduce demands for project water from the System pursuant to 2(E) above.

(6) In the event of a shortage in water supply within the meaning of Article 18(a), the determination of whether to count, in whole or in part, the yield from facilities described in 2(A), (B), (C), or (D) above, or the reduced demand from future conservation programs described in 2(E) above in the allocation of deficiencies among contractors will be based on a project-by-project evaluation taking into consideration such factors as any limitation on the use of the water from such facilities and whether the sponsoring contractor has access to project water from the Delta as an alternate to such facilities.

3. Article 1(i) is amended to read:

(i) "Project transportation facilities" shall mean the following project facilities:

(1) All those facilities specified in subparagraph (2) of Section 12934(d) of the Water Code except: The reservoir near Los Banos in Merced County; the reach of the San Joaquin Valley-Southern California Aqueduct extending from the Delta to the reservoir near Los Banos in Merced County, to the extent required for water conservation as determined by the State; the North Bay Aqueduct extending to a terminal reservoir in Marin

County; the South Bay Aqueduct extending to terminal reservoirs in the Counties of Alameda and Santa Clara; the Pacheco Pass Tunnel Aqueduct extending from a reservoir near Los Banos in Merced County to a terminus in Pacheco Creek in Santa Clara County; and the Coastal Aqueduct beginning on the San Joaquin Valley-Southern California Aqueduct in the vicinity of Avenal, Kings County, and extending to a terminus at the Santa Maria River; and the West Branch Aqueduct extending from the South Portal of the Tehachapi Tunnels to a terminus in the vicinity of Newhall, Los Angeles County.

(2) Facilities for the generation and transmission of electrical energy of the following types:

(A) Hydroelectric generating and transmission facilities, whose operation is dependent on the transportation of project water, or on releases to channels downstream of project facilities defined under (1) above. Such facilities shall be called "project aqueduct power recovery plants."

(B) All other generating and associated transmission facilities, except those dependent on water from project conservation facilities, for the generation of power. These facilities shall be called "off-aqueduct power facilities" and shall consist of the State's interest in the Reid-Gardner and any other generating and associated transmission facilities, constructed or financed in whole or in part by the State, which are economically competitive with alternative power supply sources as determined by the State.

(3) Those facilities specified in subparagraph (7) of Section 12934(d) of the Water Code which are necessary and appurtenant to the facilities included under (1) and (2) above.

4. Article 1(s) is amended to read:

(s) "Project interest rate" shall mean the weighted average interest rate of (1) through (6) below computed by dividing (i) the total interest cost required to be paid or credited by the State during the life of the indebtedness or advance by (ii) the total of the products of the various principal amounts and the respective terms in years of all such amounts:

(1) general obligation bonds issued by the State under the Bond Act,

(2) revenue bonds issued by the State under the Central Valley Project Act after May 1, 1969,

(3) bonds issued by the State under any other authority granted by the Legislature or the voters,

(4) bonds issued by any agency, district, political subdivision, public corporation, or nonprofit corporation of this State,

(5) funds advanced by any contractor without the actual incurring of bonded debt therefor, for which the net interest cost and terms shall be those which would have resulted if the contractor had sold bonds for the purpose of funding the advance, as determined by the State, and

(6) funds borrowed from the General Fund or other funds in the Treasury of the State of California, for which the total interest cost shall be computed at the interest

rate earned over the period of such borrowing by moneys in the Pooled Money Investment Account of such Treasury invested in securities,

to the extent the proceeds of any such bonds, advances or loans are for construction of the State Water Facilities defined in Section 12934(d) of the Water Code, the additional project conservation facilities, and the supplemental conservation facilities, (except off-aqueduct power facilities and advances for delivery structures, measuring devices and excess capacity) and without regard to any premiums received on the sale of bonds under item (1) above. The "project interest rate" shall be computed as a decimal fraction to five places.

5. Subdivision (h) is added to Article 22 to read:

(h) The determination of the rate for water under the Delta Water Charge shall be made by including the appropriate costs and quantities of water, calculated in accordance with subdivisions (c), (d) and (e) above, for all additional project conservation facilities as defined in Article 1(h) hereinabove. In the event a Local Project as defined in Article 1(h)(2) will, pursuant to written agreement between the State and the sponsoring contractor, be considered and treated as an additional project conservation facility for less than the estimated life of the facility, the rate under the Delta Water Charge will be determined on the basis of that portion of the appropriate cost and water supply associated with such facility as the period of time during which such facility shall be considered as an additional project conservation facility bears to the estimated life of such

facility. No costs for the construction or implementation of any Local Project are to be included in the Delta Water Charge unless and until the written agreement required by Article 1(h) has been entered into.

6. Subdivision (i) is added to Article 22 to read:

(i) In calculating the rate for project water to be paid by each contractor for the Delta Water Charge under subdivisions (c), (d) and (e) above, the component for operation, maintenance, power and replacement costs shall include, but not be limited to, all costs to the State incurred in purchasing water, which is competitive with alternative sources as determined by the State, for delivery as project water.

7. Subdivision (f) is added to Article 24 to read:

(f) The capital costs of project aqueduct power recovery plants shall be charged and allocated in accordance with this Article 24. The capital costs of off-aqueduct power facilities shall be charged and allocated in accordance with Article 25(d).

8. Subdivision (d) is added to Article 25 to read:

(d) Notwithstanding the provisions of subdivisions (a) and (b) of this article, or of Article 1(t), the costs of off-aqueduct power facilities shall be determined and allocated as follows:

(1) The off-aqueduct power costs shall include all annual costs the State incurs for any off-aqueduct power facility, which shall include, but not be limited to, power purchases, any annual principal and interest payments on funds borrowed by or advanced to the State, annual principal and interest on bonds

issued by the State or other agency, or under revenue bond financing contracts, any requirements for coverage, deposits to reserves, and associated operation and maintenance costs of such facility, less any credits, interest earnings, or other monies received by the State in connection with such facility. In the event the State finances all or any part of an off-aqueduct power facility directly from funds other than bonds or borrowed funds, in lieu of such annual principal and interest payments, the repayment of capital costs as to that part financed by such other funds shall be determined on the basis of the schedule that would have been required under Article 24.

(2) The annual costs of off-aqueduct power facilities as computed in (1) above shall initially be allocated among contractors in amounts which bear the same proportions to the total amount of such power costs that the total estimated electrical energy (kilowatt hours) required to pump through project transportation facilities the desired delivery amounts of annual entitlements for that year, as submitted pursuant to Article 12(a)(1) and as may be modified by the State pursuant to Article 12(a)(2), bears to the total estimated electrical energy (kilowatt hours) required to pump all such amounts for all contractors through project transportation facilities for that year, all as determined by the State.

(3) An interim adjustment in the allocation of the power costs calculated in accordance with (2) above, may be made in May of each year based on April revisions in approved schedules of deliveries of annual entitlement for such year. A further

adjustment shall be made in the following year based on actual deliveries of annual entitlement; provided, however, in the event no deliveries are made through a pumping plant, the adjustments shall not be made for that year at that plant.

(4) To the extent the monies received or to be received by the State from all contractors for off-aqueduct power costs in any year are determined by the State to be less than the amount required to pay the off-aqueduct power costs in such year, the State may allocate and charge that amount of off-aqueduct power costs to the District and other contractors in the same manner as costs under the capital cost component of the Transportation Charge are allocated and charged. After that amount has been so allocated, charged and collected, the State shall provide a reallocation of the amounts allocated pursuant to this paragraph (4), such reallocation to be based on the allocations made pursuant to (2) and (3) above for that year, or in the event no such allocation was made for that year, on the last previous allocation made pursuant to (2) and (3) above. Any such reallocation shall include appropriate interest at the project interest rate.

9. Subdivision (e) is added to Article 25 to read:

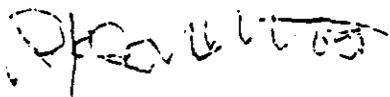
(e) The total minimum operation, maintenance, power and replacement component due that year from each contractor shall be the sum of the allocations made under the proportionate use of facilities method provided in subdivision (b) of this article and the allocations made pursuant to subdivision (d) of this article for each contractor.

10. Subdivision (b) of Article 32 is amended to read:

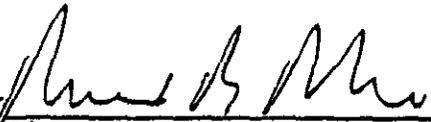
(b) Upon every amount of money required to be paid by the District to the State pursuant to this contract which remains unpaid after it becomes due and payable, interest shall accrue at an annual rate equal to that earned by the Pooled Money Investment Fund, as provided in Government Code Sections 16480, et seq. calculated monthly on the amount of such delinquent payment from and after the due date until it is paid, and the District hereby agrees to pay such interest: provided, that no interest shall be charged to or be paid by the District unless such delinquency continues for more than thirty (30) days.

IN WITNESS WHEREOF, the parties hereto have executed this contract amendment as of the date first above written.

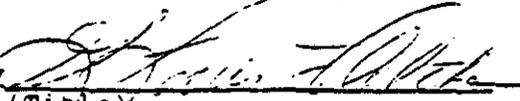
Approved as to legal form
and sufficiency:

By 
Acting Chief Counsel
Department of Water Resources

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

By 
Director

SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT

By 
(Title)
GENERAL MANAGER

State of California
The Resources Agency
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 12 TO WATER SUPPLY CONTRACT
BETWEEN THE DEPARTMENT OF WATER RESOURCES
OF THE STATE OF CALIFORNIA
AND SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS CONTRACT is made this 15th day of Sept., 1986,
pursuant to the provisions of the California Water Resources Development Bond
Act, The State Central Valley Project Act, and other applicable laws of the
State of California, between the State of California, acting by and through its
Department of Water Resources, herein referred to as the "State", and San
Bernardino Valley Municipal Water District, a public agency in the State of
California, duly organized, existing, and acting pursuant to the laws thereof
with its principal place of business in San Bernardino, California, herein
referred to as the "District".

WITNESSETH, That:

WHEREAS, the State and the District have entered into a water supply
contract, as amended from time to time, providing that the State will supply
certain quantities of water to the District, and providing that the District
shall make certain payments to the State, and setting forth the terms and
conditions of such supply and such payment;

WHEREAS, The Metropolitan Water District of Southern California has requested the State to enlarge the East Branch Aqueduct from Junction, West Branch, California Aqueduct through Devil Canyon Power Plant by different capacity amounts;

WHEREAS, the District has expressed interest in receiving increased deliveries through the East Branch Aqueduct;

WHEREAS, the State is willing to enlarge reaches of the East Branch Aqueduct from Junction, West Branch, California Aqueduct through Devil Canyon Power Plant;

WHEREAS, other East Branch contractors may choose to participate in the facilities to be enlarged.

WHEREAS, the State is willing to operate the East Branch Aqueduct reaches from Junction, West Branch California Aqueduct through Ferris Reservoir to provide deliveries on a basis that permits full utilization of available capacity.

NOW, THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the District's water supply contract with the State:

1. Article 1(s) is amended to read:

(s) "Project interest rate" shall mean the weighted average interest rate of (1) through (6) below computed by dividing (i) the total interest cost required to be paid or credited by the State during the life of the indebtedness or advance by (ii) the total of the products of the various principal amounts and the respective terms in years of all such amounts:

(1) General obligation bonds issued by the State under the Bond Act,

(2) Revenue bonds issued by the State under the Central Valley Project Act after May 1, 1969,

(3) Bonds issued by the State under any other authority granted by the Legislature or the voters,

(4) Bonds issued by any agency, district, political subdivision, public corporation, or nonprofit corporation of this State,

(5) Funds advanced by any contractor without the actual incurring of bonded debt therefore, for which the net interest cost and terms shall be those which would have resulted if the contractor had sold bonds for the purpose of funding the advance, as determined by the State, and

(6) Funds borrowed from the General Fund or other funds in the Treasury of the State of California, for which the total interest cost shall be computed at the interest rate earned over the period of such borrowing by moneys in the Surplus Money Investment Fund of such Treasury invested in securities,

to the extent the proceeds of any such bonds, advances or loans are for construction of the State Water Facilities defined in Section 12934(d) of the Water Code, the additional project conservation facilities, and the supplemental conservation facilities (except off-aqueduct power facilities; advances for delivery structures, measuring devices and excess capacity; and East Branch Enlargement Facilities) and without regard to any premiums received on the sale of bonds under item (1) above. The "project interest rate" shall be computed as a decimal fraction to five places.

2. Subdivision (g) is added to Article 24 to read:

(g) Notwithstanding provisions of Article 24(a) through 24(d), capital costs associated with East Branch Enlargement Facilities as defined in Article 49(a) shall be collected under the capital cost component of the East Branch Enlargement Transportation Charge [Article 49(d)]. Any capital costs of off-aqueduct power facilities associated with deliveries through East Branch Enlargement Facilities shall be charged and allocated in accordance with Article 25(d).

3. Subdivision (f) is added to Article 25 to read:

(f) Notwithstanding provisions of Article 25(a) through 25(c) and 25(e), minimum operation, maintenance, power, and replacement costs associated with deliveries through East Branch Enlargement Facilities as defined in Article 49(a) shall be collected under the minimum operation, maintenance, power, and replacement component of the East Branch Enlargement Transportation Charge [Article 49(e)].

4. Subdivision (d) is added to Article 26 to read:

(d) There shall be no separate variable operation, maintenance, power, and replacement component for deliveries of water through East Branch Enlargement Facilities defined in Article 49(a).

5. Article 48 is added to read:

48. Operation of East Branch Aqueduct from--Devil Canyon Powerplant to Perris Reservoir (Reaches 28G through 28J)

The State agrees to operate all actual capacity provided in the reaches of the East Branch Aqueduct from Devil Canyon Powerplant to Perris Reservoir, including that provided pursuant to Article 17, in accordance with the criteria for the East Branch facilities specified in Article 49(h).

6. Article 49 is added to read:

49. Enlargement Capacity from Junction, West Branch, California Aqueduct through Devil Canyon Powerplant (Reaches 18A through 26A)

(a) Definitions

When used in this Article 49, the following terms shall have the meanings hereinafter set forth:

(1) East Branch Enlargement Facilities--all of the following:

(A) The facilities remaining to be constructed as part of the East Branch Enlargement construction;

(B) The work done pursuant to the letter agreement between the State and The Metropolitan Water District of Southern California dated November 29, 1966, which consisted of constructing the California Aqueduct between Cottonwood (now known as Alamo) Powerplant and Cedar Springs (now known as Silverwood) Reservoir so that, by future additions to the canal lining, siphons, and additional pumping units at Pearblossom Pumping Plant, the capacity could be increased by a then-estimated approximately 700 cubic feet per second;

(C) That portion of the enlargement of the Pearblossom Pumping Plant Forebay and Cofferdam construction which would not have been constructed but for the proposed East Branch Enlargement and which was done pursuant to the letter agreement between the State and The Metropolitan Water District of Southern California, dated January 18, 1984;

(D) That portion of the canal lining work between Alamo Powerplant and Pearblossom Pumping Plant done pursuant to the letter agreements between the State and The Metropolitan Water District of Southern California, dated July 2, 1984 and May 15, 1985 which increased the East Branch Aqueduct capacity beyond that set forth in Table B-2 as shown in State Bulletin 132-70;

(E) That portion of Reach 24 (Silverwood Lake) to be determined by a reallocation of Reach 24 to reflect the additional use to be made of that reach as a result of the East Branch Enlargement operation.

(F) That portion of Reach 25 (San Bernardino Tunnel) to be determined by an allocation of total delivery capability of Reach 25 between the basic East Branch facilities and the East Branch Enlargement as a result of East Branch Enlargement operation.

(2) Participating Contractor -- any contractor signing a contract amendment for participating in any East Branch Enlargement Facility.

(b) Sizing and Construction of Enlargement

(1) The State shall construct the East Branch Enlargement Facilities to accommodate flows to at least the capacities contracted for by the State and the Participating Contractors. Capacity provided in each reach of the enlargement for transport and delivery of project water to the District shall be as shown in the following table:

<u>REACH</u> ⁽¹⁾	<u>CFS OF CAPACITY</u>
25	63 ⁽²⁾
26A	63

1) These numbers apply to the reaches as set forth in Figure B-5 in State Bulletin 132-85.

2) The 63 cfs Enlargement capacity in the Tunnel will be arrived at by an appropriate reallocation of basic and excess Tunnel capacity.

(2) The State shall construct the East Branch Enlargement Facilities in stages, with the first stage providing the District in each reach at least fifty percent of the capacity shown in the table set forth in Article 49(b)(1). The State shall determine the specific reach features to be enlarged in consultation with the Participating Contractors. All Participating Contractors which have capital cost repayment obligations in a reach shall be considered to have a minimum delivery capability in each stage. The minimum delivery capabilities of the Participating Contractors in each staged reach shall be in the same proportion as the Participating Contractor's proportion of the total

enlargement capacity. The State shall not construct Reach 26A of the East Branch Enlargement Facilities to a capacity greater than shown in the following table provided that power facilities may be constructed to a larger capacity if found by the State to be economically or operationally justifiable after prior consultation with the Participating Contractors.

<u>REACH</u>	<u>CFS OF CAPACITY</u>
26A	1,600

(3) The State shall make all reasonable efforts to complete construction of the first stage of the East Branch Enlargement Facilities as specified above by July 1, 1991. If the State determines that construction of the first stage cannot be accomplished by July 1, 1991 without incurring extra costs, it shall consult with the affected Participating Contractors.

(4) The State shall make all reasonable efforts to complete construction of any East Branch Enlargement Facilities necessary to accommodate the total of the constructed amount which are not completed as part of the first stage. It shall undertake further construction activities upon the earliest of (1) the State's determination that delivery schedules submitted pursuant to Article 12 justify such action or (2) a request by The Metropolitan Water

District of Southern California that such action be taken. If the State fails to complete construction of any portion or portions of the East Branch Enlargement Facilities one or more of the agencies may complete construction pursuant to the procedure in Article 17(f).

(5) Upon completion of each stage of construction, the State shall determine whether actual capacity of the East Branch Enlargement Facilities differs from contracted for capacity. If actual capacity differs from contracted for capacity, the capacity provided for transport and delivery of project water shall be proportionately adjusted by the State among the Participating Contractors.

(c) East Branch Enlargement Transportation Charge

The payments to be made by each Participating Contractor entitled to delivery of project water from or through the East Branch Enlargement Facilities shall include an annual charge under the designation East Branch Enlargement Transportation Charge. This charge shall return to the State during the repayment period associated with financing of East Branch Enlargement Facilities, those costs of the East Branch Enlargement Facilities which are allocated to the Participating Contractor in accordance with the cost allocation principles and procedures hereinafter set forth. Wherever reference is made, in connection with the computation, determination, or payment of the East Branch Enlargement Transportation Charge, to the costs of any facility or facilities included in the System, such reference shall be only to those costs of such facility or facilities which are reimbursable by the Participating Contractors as determined by the State. The East Branch Enlargement Transportation Charge

shall consist of a capital cost component; and a minimum operation, maintenance, power, and replacement component, as these components are defined in and determined under Articles 49(d) and 49(e), respectively. For the purpose of allocations of costs pursuant to said articles, the East Branch Enlargement Facilities shall be segregated into aqueduct reaches as set forth in Figure B-5 in State Bulletin 132-85, provided, however, that Reach 23 may be adjusted after consultation with the contractors as a result of a delivery point for Mojave Water Agency being changed.

(d) East Branch Enlargement Transportation Charge--Capital Cost Component

(1) Method of Computation.

Each Participating Contractor shall be allocated a capital cost component of the East Branch Enlargement Transportation Charge which shall be sufficient to return to the State those capital costs of the East Branch Enlargement Facilities which are allocated to the Participating Contractor pursuant to subdivision (d)(2) of this article. The amount of this charge shall be determined by an allocation of capital costs to the Participating Contractor and a computation of annual payments of such allocated costs and interest, if any, thereon to be made by the Participating Contractor pursuant to this article. The capital costs allocated to the District shall be reduced by payments advanced by the District pursuant to Article 49(d)(4).

(2) Allocation of Capital Costs Among Participating Contractors.

The total amount of capital costs of each reach of the enlargement to be returned to the State shall be allocated among all Participating Contractors on the basis of the ratio of the capacity provided in that reach of the East Branch Enlargement Facilities for the transport and delivery of project water to the Participating Contractor to the total capacity provided in that reach of the East Branch Enlargement Facilities for the transport and delivery of project water to all Participating Contractors served from or through the reach.

(3) Determination of Capital Cost Component.

The amount of this component shall be determined as follows:

(A) The total amount of capital costs allocated to a Participating Contractor shall be the sum of the products obtained when there is multiplied, for each enlargement reach, the total amount of the capital costs of the enlargement reach to be returned to the State under the capital cost component of the East Branch Enlargement Transportation Charge by the ratio of the East Branch Enlargement capacity provided to make deliveries to the District in the reach in cubic feet per second (cfs), as provided in subarticle 49(b)(1), to the total cfs capacity of the reach of enlargement.

(B) The projected amounts of capital costs to be allocated annually to the District under the capital cost component of the East Branch Enlargement Transportation Charge shall be determined by the State in accordance with the cost allocation principles and procedures set forth in Article

49(d)(3)(A), which principles and procedures shall be controlling as to allocations of capital costs to the Participating Contractors. These amounts shall be subject to redetermination by the State in accordance with Article 49(g).

(4) Financing of Allocated Capital Costs by a Participating Contractor.

(A) The District may elect to pay a portion or all of the capital costs of the enlargement construction allocated to the District by furnishing funds to the State in advance of the State incurring the capital costs, provided that the total remaining costs to be financed by the State shall not be less than \$50 million. The District may elect in writing to use this option by June 15 of each year as to any portion of an East Branch Enlargement Facility not yet funded by the State. If the District does not elect this option by June 15 of a given year, it may, with the consent of the State elect the option at a later time in that year.

(B) For any year in which the District elects this option, the State shall, on or before July 1 furnish the District with a written statement of estimated amounts of funds needed by the State in the succeeding year and of the calendar dates by which the State will need the funds. During each succeeding year the State shall, on the first of each month, notify the District of funds needed within the succeeding month. The District shall pay to the State the requested funds within fifteen calendar days of receipt of notification. The District may elect to advance funds to the State on an accelerated schedule acceptable to the State. Unless otherwise agreed to by the District and the State, interest earned on any funds advanced pursuant to

this paragraph shall be credited to reduce payments due from the District under this contract. To the extent practicable, interest earned shall be at the Surplus Money Investment Fund rate. The District may terminate its use of this option for a given year with the agreement of the State. If the District elects this option, subparagraphs (d)(5) and (d)(6) of this article shall not apply to any portion of capital costs to be paid pursuant to the option.

(C) If the District does not elect to pay all of the capital costs of the enlargement allocated to the District by furnishing funds to the State in advance, the State, after consultation with the District, shall prepare a plan for the State's financing of the East Branch Enlargement and shall give the District an opportunity to comment on the plan. The plan shall include but not be limited to the size of any revenue bond issuances and the form of necessary resolutions, articles and covenants.

(5) State Revenue Bond Financing of Allocated Capital Costs.

(A) Revenue Bond Charge

If the District does not pay all of the capital costs allocated to the District pursuant to subparagraph (3) and the State issues revenue bonds to finance the enlargement construction, the portion of the capital costs not advanced pursuant to subparagraph (4) shall be recovered through a Revenue Bond Charge. The Revenue Bond Charges allocated to the Participating Contractors shall return to the State an amount equal to the financing costs the State incurs for that portion of the East Branch Enlargement Facilities constructed in whole or in part with funds from revenue bonds (including revenue bond anticipation notes). The elements of the financing

costs shall include but not be limited to bond marketing expenses to the extent not financed from the proceeds of applicable revenue bond sales, interest expense during construction of the East Branch Enlargement Facilities to the extent not provided for from bond proceeds, annual premiums for insurance or other security obtained pursuant to Article 49(d)(5)(E), and all semi-annual East Branch Enlargement Facilities revenue bond requirements including principal and interest and, to the extent not funded in advance of any proposed bond sale, or at any time following such a sale, in accordance with Articles 49(d)(5)(C) and 49(d)(5)(D), any additional requirements for coverage and deposits to reserves as required under applicable resolutions for the issuance of East Branch Enlargement Facilities revenue bonds. Any credits which shall include, but not be limited to, interest earnings or other earnings of the State in connection with such bonds shall when and as permitted by the bond resolution first be utilized for East Branch Enlargement Facilities construction purposes and thereafter all realized earnings shall be paid the Participating Contractors at least semi-annually. Such earnings shall for the purpose of determining each non-defaulting Participating Contractor's portion of any remaining capital costs be credited and paid to each non-defaulting Participating Contractor on the same basis that the capital costs were allocated to each Participating Contractor.

(B) Revenue Bond Charge Computation

The Revenue Bond Charge for the East Branch Enlargement construction payable by the District shall be computed as follows. The capital costs allocable to the District pursuant to Article 49(d) shall be determined. Any amounts paid by the District pursuant to Article 49(d)(4) shall be

subtracted. The resulting difference shall be divided by the total of all capital costs to be financed by revenue bonds. The ratio resulting from the division shall be applied to each element of the total revenue bond financing costs. Until such time as the actual costs to be used in the foregoing computation are known, such computation shall be based on estimates of such costs. The District's Revenue Bond Charge shall be paid by the District semi-annually at least 40 days before the State is required to make the corresponding semi-annual payment to the bondholders.

(C) Excess Coverage

If the amount of coverage on any issue of revenue bonds, and interest earned on the coverage, is in excess of that required under the applicable bond resolution, articles or covenants, each participating contractor's share of the excess shall be in the same proportion as charges were paid by each participating contractor pursuant to Article 49(d)(5)(B) for the portion of the facilities financed by said issue of revenue bonds. When and as permitted by the terms of the bond resolution, the share of excess coverage together with any realized interest earnings, shall at the Participating Contractor's option be returned to the Participating Contractor or be utilized to fund remaining East Branch Enlargement construction costs to the extent not otherwise provided for. To the extent practicable, interest earned shall be at the Surplus Money Investment Fund rate.

(D) Reserves

The State shall maintain revenue bond reserve funds no greater than necessary, as required under the applicable bond resolution,

articles or covenants. In determining the level of revenue bond reserves to be maintained the State may, to the extent allowable under the applicable bond resolution, articles, or covenants, take account of any restricted reserve funds, other than replacement reserve funds, maintained by the individual Participating Contractors for the payment of State water contract payment obligations. Interest earned on revenue bond reserves maintained by the State and any excess reserve funds shall be credited promptly thereon to each Participating Contractor by the State. Upon retirement of any issue of revenue bonds and in accordance with the terms of the bond resolution, reserves maintained by the State on account of such issue, together with interest earnings thereon, shall be used to pay the final net annual debt service for such issue. Any reserves maintained by the State on account of an issue of revenue bonds and remaining after retirement of such issue, shall be repaid to the Participating Contractors in proportion to the total reserves that each Participating Contractor paid. To the extent practicable, interest earned shall be at the Surplus Money Investment Fund rate.

(E) Insurance

To the extent economically justifiable, as determined by the State after consultation with the Participating Contractors, the State shall obtain insurance or maintain other security protecting bondholders and Participating Contractors against costs resulting from the failure of any Participating Contractor to make the payments required by this Article 49(d)(5).

(6) State Non-Revenue Bond Financing of Allocated Capital Costs.

The State may use any of its available funds other than revenue bonds, to finance all, or a portion of the capital costs of the enlargement construction. Until revenue bonds or other debt instruments are issued, the Participating Contractors shall pay interest at the Surplus Money Investment Fund rate on whatever funds are used. Any State debt instrument other than revenue bonds or bond anticipation notes shall only be used after consultation with the Participating Contractors.

(7) Reallocation of Costs.

No later than the date of completion of the first stage of the East Branch Enlargement Facilities, the State shall in consultation with the contractors participating in the repayment of the reaches, reallocate costs for Reach 24 (Silverwood Lake) and Reach 26A (South Portal San Bernardino Tunnel through Devil Canyon Powerplant). Such reallocation of costs shall apply to years beginning with the date of completion of the first stage of the East Branch Enlargement Facilities. The State shall also reallocate at the same time the costs of Reach 25 (San Bernardino Tunnel) among all contractors participating in repayment of such reach, to reflect the redistribution of flow capacity necessary for the East Branch Enlargement Facilities. Such reallocation shall include historical as well as future costs as appropriate. By the same date the State, in consultation with the contractors participating in the repayment of the reaches, shall also reallocate all costs associated with the work done pursuant to the letter agreement between the State and The Metropolitan Water District of Southern California dated November 29, 1966, as described in Subarticle 49(a)(1)(B).

(8) Allocation and Payment of Improvement Costs.

Using the procedure provided in Article 24 (Transportation Charge --Capital Cost Component) the State shall, as of the effective date of Article 49, allocate among all contractors entitled to delivery of project water from or through the affected reaches those design and construction costs encompassed in letter agreements dated January 18, 1984, July 2, 1984, and May 15, 1985, between the State and The Metropolitan Water District of Southern California which would have been incurred irrespective of East Branch Enlargement Facilities. The District shall pay the State the charges as determined pursuant to this provision with interest at the project interest rate.

(9) Charge for Increased Participation in Reach 25.

No later than the date of completion of the first stage of the East Branch Enlargement Facilities, the State shall reallocate the costs of Reach 25 to reflect capacity allocated to the District. The District shall pay such costs with interest at the project interest rate for any basic capacity and interest at 6 percent for any excess capacity. By the same time, all existing contractors in Reach 25 will receive credits with interest at the project interest rate for any payments previously made by them with interest at the project interest rate, for basic capacity costs of Reach 25 to the extent

those payments exceed the amounts they would have been obligated to pay if this amendment had been in effect as of the date funds were first paid. The values shown in Tables B-1 and B-2 of State Bulletin 132 shall be appropriately adjusted.

(e) East Branch Enlargement Transportation Charge--Minimum Operation, Maintenance, Power, and Replacement Component

(1) The minimum operation, maintenance, power, and replacement component of the East Branch Enlargement Transportation Charge shall return to the State those minimum operation, maintenance, power, and replacement costs which in the judgment of the State are incurred solely because of construction, operation and maintenance of the East Branch Enlargement Facilities, and which are based on the proportional capital cost allocation to the District for such enlargement facilities, by reach. Other costs which cannot be attributed solely to East Branch facilities provided for pursuant to Article 17(a) shall be shared in accordance with a formula to be developed by the State in consultation with contractors participating in the repayment of the capital costs of the affected reaches. The State may establish reserve funds to meet anticipated minimum replacement costs in the same manner provided for in Article 25(a).

(2) The total projected minimum operation, maintenance, power and replacement costs of each reach of the East Branch Enlargement Facilities for the respective year shall be allocated among all Participating Contractors on the basis of the ratio of the capacity provided in the East Branch Enlargement Facilities reach for the transport and delivery of project water to each

Participating Contractor to the total capacity provided in the East Branch Enlargement Facilities reach for the transport and delivery of project water to all Participating Contractors served from or through the reach.

(3) Notwithstanding the provisions of subdivisions (e)(1) and (e)(2) of this article, or of Article 1(t), the costs of off-aqueduct power facilities associated with deliveries of water through East Branch Enlargement Facilities shall be included in the determinations and allocations pursuant to Article 25(d). There shall be no separate off-aqueduct power facilities determination and allocation for East Branch Enlargement Facilities.

(f) East Branch Enlargement Variable Operation, Maintenance, Power, and Replacement Costs

The variable operation, maintenance, power, and replacement costs associated with deliveries of water through East Branch Enlargement Facilities shall be included in the determinations and allocations pursuant to Article 26. There shall be no separate variable operation, maintenance, power, and replacement component of the East Branch Enlargement Transportation Charge.

(g) Redetermination of Charges

(1) Determinative Factors Subject to Retroactive Charge

The State shall redetermine the values and amounts chargeable to Participating Contractors in 1988 or the year following the year in which this article is effective, whichever is later, and each year thereafter as needed in order that the East Branch Enlargement charges to the District accurately reflect the increases or decreases from year to year in projected costs, properly attributable to each Participating Contractor. In addition, each such

redetermination shall include an adjustment of the components of the charges to be paid by each Participating Contractor for succeeding years which shall account for the differences, if any, between those factors used by the State in determining the amounts of such components for all preceding years and the factors as then currently known by the State. Such adjustment shall be computed by the State and paid by the Participating Contractor or credited to the Participating Contractor's account in the manner described in Articles 49(g)(2) and 49(g)(3) below.

(2) Adjustment: East Branch Enlargement Transportation Charge--
Capital Cost Component

Adjustments for prior underpayments or overpayments of the capital cost component of the East Branch Enlargement Transportation Charge to the Participating Contractor, together with accrued interest charges or credits thereon computed at the then current Surplus Money Investment Fund rate on the amount of the underpayment or overpayment and compounded annually for the number of years from the year the underpayment or overpayment occurred to and including the year following the redetermination, shall be paid in the year following the redetermination.

(3) Adjustment: East Branch Enlargement Transportation Charge--
Minimum Operation, Maintenance, Power, and Replacement Component

One-twelfth of the adjustments for prior underpayments or overpayments of the Participating Contractor's minimum operation, power, and replacement component of the East Branch Enlargement Transportation Charge for each year shall be added or credited and paid in the corresponding month of the

year following the redetermination, together with accrued interest charges or credits thereon computed at the then current Surplus Money Investment Fund rate on the amount of the underpayment or overpayment and compounded annually for the number of years from the year when the underpayment or overpayment occurred to and including the year following the redetermination.

(h) East Branch Operation

Requests for delivery of water through the East Branch Enlargement Facilities shall be subject to Article 12. Except as otherwise provided, the East Branch Enlargement Facilities shall be operated as an integral part of the East Branch Aqueduct and shall be subject to the same criteria. To the extent that then-current deliveries involve rates of flow within the limitations of Article 12(b) or involve capacities less than those on which the contractor's capital charges are based, the State shall provide the deliveries with no power peaking charges. To the extent delivery capability is available to permit then-current deliveries at a rate of flow in excess of the lesser of that provided in (a) Article 12(b), or (b) of the sum of the capacities on which the District's capital charges are based in the basic East Branch Aqueduct Facilities and the District's proportional share of the operational capacity of the East Branch Enlargement Facilities, such deliveries will be allowed if such deliveries do not adversely affect the ability of other contractors to receive entitlement deliveries. However, if such excess deliveries would cause increased power costs to any other contractors, the District shall pay the power costs that would otherwise increase power costs to the other water contractors. These power costs resulting from such excess

deliveries will be based upon administrative cost allocation procedures adopted by the Director of the Department of Water Resources after consultation with the contractors. Before beginning deliveries that would involve extra power peaking charges, the State shall consult with the District to determine if the District desires (a) a change in its delivery schedule or (b) modifications in East Branch Aqueduct or Enlargement operation to avoid the increased power costs.

(i) Failure to Meet Payment Obligations Under Article 49

(1) If a Participating Contractor defaults in payments due under Article 49 and the costs of other Participating Contractors would as a consequence be increased, the State shall, in addition to any actions taken pursuant to Articles 32 and 34, notify the defaulting Participating Contractor that if the Participating Contractor fails to cure the default within 30 days, the State will offer the capacity provided for the Participating Contractor to the other Participating Contractors. If the Participating Contractor fails to cure the default within thirty (30) days of notice by the State, the State shall offer to each Participating Contractor, in proportion to the contractor's degree of participation in the enlargement, the opportunity to assume responsibility for the capital charges and delivery capability on which the defaulting contractor's capital costs were based. If Participating Contractors fail to cure the default, The Metropolitan Water District of Southern California shall assume responsibility for the capital charges on which the defaulting contractor's capital costs were based, and shall receive the capacity associated with such capital charges. Article 49(b)(1) shall be appropriately adjusted.

(2) No credits shall be assigned to a Participating Contractor under this article while the Participating Contractor is in default of any payment to the State under this article for a period of more than thirty (30) days.

IN WITNESS WHEREOF, the parties hereto have executed this contract amendment on the day first above written.

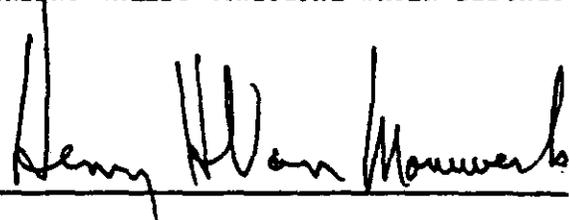
APPROVED AS TO LEGAL FORM
AND SUFFICIENCY:

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

By 
Chief Counsel

By 
Director

SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

By 
Title

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 13 TO WATER SUPPLY CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS CONTRACT is made this 29th day of MAY, 1987.

pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State", and San Bernardino Valley Municipal Water District, herein referred to as the "Agency".

WHEREAS, the State and the Agency have entered into and subsequently amended a water supply contract providing that the State will supply certain quantities of water to the Agency, and providing that the Agency shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payment;

WHEREAS, the State and the Agency wish to provide financing for project facilities with water system revenue bonds and provide for repayment of water system revenue bonds;

WHEREAS, the State and the Agency wish to clarify the definition of the project interest rate without changing the interpretation of Article 1(s), except for the addition of item (7), and to specify that financing costs of water system facilities and East Branch Enlargement facilities shall not be included in calculating the project interest rate; and

WHEREAS, the State is willing to amortize over the remaining repayment period of the contract, the "one-shot" adjustment applied to previous payments resulting from revisions in the project interest rate under conditions defined in this amendment.

NOW THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Agency's water supply contract with the State:

1. Article 1(s) is amended to read:

(s) "Project interest rate" shall mean the weighted average interest rate on bonds, advances, or loans listed in this section to the extent the proceeds of any such bonds, advances, or loans are for construction of the State Water Facilities defined in Section 12934(d) of the Water Code, the additional project conservation facilities, and the supplemental conservation facilities (except off-aqueduct power facilities; water system facilities; advances for delivery structures, measuring devices and excess capacity; and East Branch Enlargement Facilities). The project interest rate shall be calculated as a decimal fraction to five places by dividing (i) the total interest cost required to be paid or credited by the State during the life of the indebtedness or advance by (ii) the total of the products of the various principal amounts and the respective terms in years of all such amounts. The bonds, advances, or loans used in calculating the project interest rate shall be:

(1) General obligation bonds issued by the State under the Bond Act, except that any premium received on the sale of these bonds shall not be included in the calculation of the project interest rate,

(2) Revenue bonds issued by the State under the Central Valley Project Act after May 1, 1959,

(3) Bonds issued by the State under any other authority granted by the Legislature or the voters,

(4) Bonds issued by any agency, district, political subdivision, public corporation, or nonprofit corporation of this State,

(5) Funds advanced by any contractor without the actual incurring of bonded debt therefor, for which the net interest cost and terms shall be those which would have resulted if the contractor had sold bonds for the purpose of funding the advance, as determined by the State,

(6) Funds borrowed from the General Fund or other funds in the Treasury of the State of California, for which the total interest cost shall be computed at the interest rate earned over the period of such borrowing by moneys in the Surplus Money Investment Fund of such Treasury invested in securities, and

(7) Any other financing capability available in the Treasury of the State of California at whatever interest rate and other financing costs are provided in the law authorizing such borrowing. However, the use of other financing from the State Treasury is intended to involve only short term borrowing at interest rates and other financing costs no greater than those charged to other State agencies during the same period until such time as the Department can sell bonds and reimburse the source of the short term borrowing from the proceeds of the bond sale.

2. Article 1(cc) is added to read:

(cc) "Water system revenue bonds" shall mean revenue bonds or revenue bond anticipation notes issued by the State under the Central Valley Project Act after January 1, 1987 for water system facilities identified in Article 1(hh).

3. Article 1 (hh) is added to read:

(hh) "Water System Facilities" shall mean the following facilities to the extent that they are financed with water system revenue bonds or to the extent that other financing of such facilities is reimbursed with proceeds from water system revenue bonds:

(1) The North Bay Aqueduct,

(2) The Coastal Branch Aqueduct,

(3) Delta Facilities, including Suisun Marsh facilities, to serve the purposes of water conservation in the Delta, water supply in the Delta, transfer of water across the Delta, and mitigation of the environmental effects of project facilities, and to the extent presently authorized as project purposes, recreation and fish and wildlife enhancement,

(4) Local projects as defined in Article 1(h)(2) designed to develop no more than 25,000 acre-feet of project yield from each project,

(5) Land acquisition for the Kern Fan Element of the Kern Water Bank,

(6) Additional pumps at the Banks Delta Pumping Plant,

(7) The transmission line from Midway to Wheeler Ridge Pumping Plant, and

(8) Repairs, additions, and betterments to conservation or transportation facilities existing as of January 1, 1987, and to all other facilities described in this subarticle (hh) except for item (5).

4. Article 22(j) of the Agency's water supply contract with the State is added as follows:

(j) Notwithstanding provisions of Article 22(a) through (i), the capital cost component and the minimum OMP&R component of the Delta Water Charge shall include an annual charge to recover the Agency's share of the conservation portion of the water system revenue bond financing costs. Charges to the Agency for these costs shall be calculated in accordance with provisions in Article 50 of this contract.

5. Article 24(h) of the Agency's water supply contract with the State is added as follows:

(h) Notwithstanding provisions of Articles 24(a) through (d), the capital cost component of the Transportation charge shall include an annual charge to recover the Agency's share of the transportation portion of the water system revenue bond financing costs. Charges to the Agency for these costs shall be calculated in accordance with provisions in Article 50 of this contract.

5.5 Article 28(e) of the Agency's water supply contract with the State is added to read:

28(e) Notwithstanding the provisions of Article 28(b), adjustments for prior overpayments and underpayments shall be repaid beginning in the year following the redetermination by application of a unit rate per acre-foot which, when paid for the projected portion of the Agency's annual entitlement will return to the State, during the project repayment period, together with interest thereon computed at the project interest rate and compounded annually, the full amount of the adjustments resulting from financing after January 1, 1987, from all bonds, advances, or loans listed in Article 1(s) except for Article 1(s)(3) and except for bonds issued by the State under the Central Valley Project Act after January 1, 1987 for facilities not listed among the water system facilities in Article 1(hh). Notwithstanding the immediately preceding exception, such amortization shall also apply to any adjustments in this component charge resulting from a change in the project interest rate due to any refunding after January 1, 1986 of bonds issued under the Central Valley Project Act. However, amortization of adjustments resulting from items 1(s)(4) through (7) shall be limited to a period which would allow the Department to repay the debt service on a current basis until such time as bonds are issued to reimburse the source of such funding. In no event shall this amortization period be greater than the project repayment period.

6. Article 28(f) of the Agency's water supply contract with the State is added as follows:

f. Adjustment: Water System Revenue Bond Financing Costs.

The use of water system revenue bonds for financing facilities listed in Article 1(hh) would result in adjustments for prior underpayments or overpayments of the capital cost component of the Transportation Charge to the Agency under the provisions of this article; however, in place of making such adjustments, charges to the Agency will be governed by Article 50.

7. Article 50 of the Agency's water supply contract with the State is added as follows:

50. Water System Revenue Bond Financing Costs.

(a) Charges to the Agency for water system revenue bond financing costs shall be governed by provisions of this article. Charges to all contractors for water system revenue bond financing costs shall return to the State an amount equal to the annual financing costs the State incurs in that year for water system revenue bonds (including water system revenue bond anticipation notes). Annual financing costs shall include, but not be limited to, any annual principal and interest on water system revenue bonds plus any additional requirements for bond debt service coverage, deposits to reserves, and annual premiums for insurance or other security obtained pursuant to subdivision (f) of this article. The State shall provide credits to the contractors for excess reserve funds, excess debt service coverage, interest, and other earnings of the State in connection with repayment of such revenue bond financing costs, when and as permitted by the bond resolution. When such credits are determined by the State to be available, such credits shall be promptly provided to the contractors and shall be in proportion to the payments under this article from each contractor. Reserves, bond debt service coverage, interest, and other earnings may be used in the last year to retire the bonds.

(b) Annual charges to recover water system revenue bond financing costs shall consist of two elements.

(1) The first element shall be an annual charge to the Agency for repayment of capital costs of water system facilities as determined under Articles 22 and 24 of this contract with interest at the project interest rate. For conservation facilities, the charge shall be a part of the capital cost component of the Delta Water Charge in accordance with Article 22. For transportation facilities, the charge shall be a part of the capital cost component of the Transportation Charge in accordance with Article 24.

(2) The second element shall be the Agency's share of a Water System Revenue Bond Surcharge to be paid in lieu of a project interest rate adjustment. The total annual amount to be paid by all contractors under this element shall be the difference between the total annual charges under the first element and the annual financing costs of the water system revenue bonds. The amount to be paid by each contractor shall be calculated annually as if the project interest rate were increased to the extent necessary to produce revenues from all contractors sufficient to pay such difference for that year. In making that calculation, adjustments in the Agency's Transportation capital cost component charges for prior overpayments and underpayments shall be determined as if amortized over the remaining years of the project repayment period.

(c) The Water System Revenue Bond Surcharge will be identified by component and charge in the Agency's invoice.

(d) Timing of Payments. Payments shall be made in accordance with Article 29(f) of this contract.

(e) Reduction in Charges. The Water System Revenue Bond Surcharge under Article 50(b)(2) shall cease for each series of water system revenue bonds when that series is fully repaid. However, the annual charge determined pursuant to Article 50(b)(1) shall continue to be collected for the time periods otherwise required under Articles 22 and 24.

After the Department has repaid the California Water Fund in full and after each series of Water System Revenue Bonds is repaid, the Department will reduce the charges to all contractors in an equitable manner in a total amount that equals the amount of the charges under Article 50(b)(1) that the Department determines is not needed for future financing of facilities of the System which, in whole or in part, will serve the purposes of the water supply contract with the Agency.

(f) To the extent economically feasible and justifiable, as determined by the State after consultation with contractors, the State shall maintain insurance or other forms of security protecting bondholders and non-defaulting contractors against costs resulting from the failure of any contractor to make the payments required by this article.

(g) Before issuing each series of water system revenue bonds, the State shall consult with the contractors, prepare a plan for the State's future financing of water system facilities, and give the Agency an opportunity to comment on the plan. The plan shall include but not be limited to the size of any water system revenue bond issuances and the form of any necessary resolutions or supplements.

(h) Defaults. (1) If a contractor defaults partially or entirely on its payment obligations calculated under this article and sufficient insurance or other security protecting the non-defaulting contractors is not provided under Article 50(f), the State shall allocate a portion of the default to each non-defaulting contractor. The Agency's share of the default shall be equal to an amount determined by multiplying the total default amount to be charged to all non-defaulting contractors by the ratio that the Agency's maximum Table A entitlement bears to the maximum Table A entitlements of all non-defaulting contractors. However, such amount shall not exceed in any year 25 percent of the Water System Revenue Bond financing costs that are otherwise payable by the Agency in that year. The amount of default to be charged to non-defaulting contractors shall be reduced by any receipts from insurance protecting non-defaulting contractors and bond debt service coverage from a prior year and available for such purpose.

(2) If a contractor defaults partially or entirely on its payment obligations under this article, the State shall also pursuant to Article 20, upon six months' notice to the defaulting contractor, suspend water deliveries under Article 20 to the defaulting contractor so long as the default continues. The suspension of water deliveries shall be proportional to the ratio of the default to the total water system revenue bond payments due from the defaulting contractor. However, the State may reduce, eliminate, or not commence suspension of deliveries pursuant to this subparagraph if it determines suspension in the amounts otherwise required is likely to impair the defaulting contractor's ability to avoid further defaults or that there would be insufficient water for human consumption, sanitation, and fire protection. The State may distribute the suspended water to the non-defaulting contractors on terms it determines to be equitable.

(3) During the period of default, credits otherwise due the defaulting contractor shall be applied to payments due from the defaulting contractor.

(4) Except as otherwise provided in Article 50(h)(3), the defaulting contractor shall repay the entire amount of the default to the State with interest compounded annually at the Surplus Money Investment Fund rate before water deliveries that had been suspended shall be fully resumed to that contractor. If the defaulting contractor makes a partial repayment of its default, the Department may provide a proportional restoration of suspended deliveries. The amount of the default to be repaid shall include any amounts previously received by the State from insurance proceeds, bond debt service coverage, or other reserves, and payments from other contractors pursuant to this subparagraph (h). The defaulting contractor shall not be entitled to any make-up water deliveries as compensation for any water deliveries suspended during the period when the contractor was in default.

(5) At such time as the default amount is repaid by the defaulting contractor, the non-defaulting contractors shall receive credits in proportion to their contributions towards the amount of the default with interest collected by the State on the defaulted amount.

(6) In the event there is an increase in the amount a non-defaulting contractor contributes to reserves and/or bond debt service coverage, such increase shall be handled in the same manner as provided in Article 50(a).

(7) Action taken pursuant to this subarticle shall not deprive the State of or limit any remedy provided by this contract or by law for the recovery of money due or which may become due under this contract.

(1) Power of Termination.

(1) The Department and the Agency agree to negotiate in good faith the development of a means to provide adequate protection for the Department's cash flow into priorities one and two for revenues under Water Code Section 12937(b) with the goal of obtaining agreement by April 1, 1987. The Department and the Agency agree to continue negotiations beyond April 1, 1987 if necessary to meet their common goal of arriving at agreement.

(2) If such an agreement has not been reached by April 1, 1987, and if the Director of Water Resources determines that adequate progress has not been made toward such an agreement, the Director may give notice to the Agency and other contractors that he intends to exercise the power to terminate provided in this subarticle 50(i). The Director's authority to give such a notice shall terminate on July 1, 1988.

(3) After six months from the date of issuing the notice of intent to terminate, but in no event later than January 1, 1989, the Director may terminate the authority of the Department to issue additional series of water system revenue bonds using the repayment provisions of Article 50. The Department shall promptly notify the Agency and other contractors that the Director has exercised the power of termination.

(4) No additional series of water system revenue bonds shall be issued under the provisions of this Article 50 after the Director has exercised the power to terminate, but Article 50 shall remain in effect as to any series of water system revenue bonds issued prior to the time the Director exercises the power to terminate.

(5) An exercise of the power to terminate provided in this subarticle 50(1) shall also rescind any changes made by this amendment in the schedule of payment of overpayment or underpayment of capital costs resulting from a change in the project interest rate and shall also rescind the addition of item (7) to Article 1(s). However, if the Department has borrowed any funds under Article 1(s)(7), Article 1(s)(7) shall remain in effect as to that and only that borrowing. Upon the exercising of the power to terminate, subarticles 28(e) and (f) shall be rescinded and Article 1(s) shall read as it previously read as shown on Attachment Number 1 to this amendment.

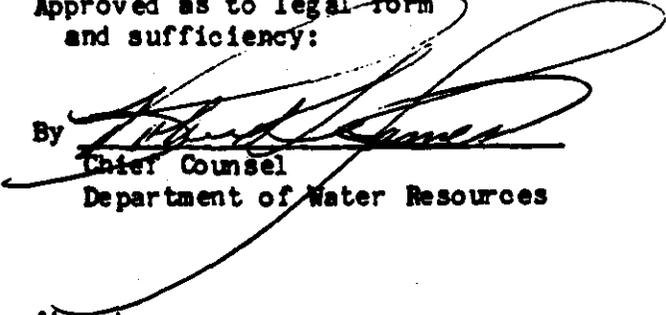
(6) At any time before January 1, 1989, so long as the Director has not already exercised the power of termination, the Director may irrevocably waive his right to exercise the power of termination or may rescind any previously issued notice of intention to terminate.

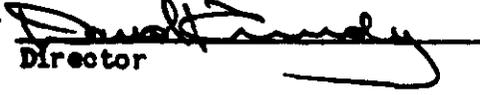
(7) If the Director does not exercise the power of termination before January 1, 1989, this Subarticle 50(1) shall expire, and the remainder of this Article 50 shall remain in effect. Changes made by this amendment to other articles shall also remain in effect.

IN WITNESS WHEREOF, the parties have executed this contract on the date first above written.

Approved as to legal form and sufficiency:

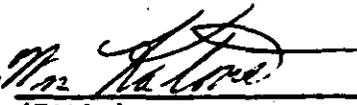
STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

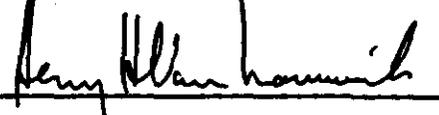
By 
Chief Counsel
Department of Water Resources

By 
Director

Attest:

SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT

By 
(Title) Secretary

By 
President

Article 1(s) is amended to read:

(s) Project Interest Rate

"Project interest rate" shall mean the weighted average interest rate of (1) through (6) below computed by dividing (i) the total interest cost required to be paid or credited by the State during the life of the indebtedness or advance by (ii) the total of the products of the various principal amounts and the respective terms in years of all such amounts:

(1) general obligation bonds issued by the State under the Bond Act,

(2) revenue bonds issued by the State under the Central Valley Project Act after May 1, 1969,

(3) bonds issued by the State under any other authority granted by the Legislature or the voters,

(4) bonds issued by any agency, district, political subdivision, public corporation, or nonprofit corporation of this State,

(5) funds advanced by any contractor without the actual incurring of bonded debt therefor, for which the net interest cost and terms shall be those which would have resulted if the contractor had sold bonds for the purpose of funding the advance, as determined by the State, and

(6) funds borrowed from the General Fund or other funds in the Treasury of the State of California, for which the total interest cost shall be computed at the interest rate earned over the period of such borrowing by moneys in the Pooled Money Investment Account of such Treasury invested in securities,

to the extent the proceeds of any such bonds, advances or loans are for construction of the State Water Facilities defined in Section 12934(d) of the Water Code, the additional project conservation facilities, and the supplemental conservation facilities, (except off-aqueduct power facilities; advances for delivery structures, measuring devices and excess capacity; and East Branch Facilities) and without regard to any premiums received on the sale of bonds under item (1) above. The "project interest rate" shall be computed as a decimal fraction to five places.

STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 14 TO WATER SUPPLY CONTRACT
BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES
AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS AMENDMENT to the Water Supply Contract is made this fifth day of April, 1991, pursuant to the provisions of the California Water Resources Development Bond Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as "State", and San Bernardino Valley Municipal Water District, herein referred to as the "Agency".

WHEREAS, the State and the Agency entered into a contract whereby the State will deliver and the Agency will purchase a supply of water to be made available from project facilities constructed by the State;

WHEREAS, a more efficient use of entitlement water may be achieved by deferral of its use from October, November and December of one calendar year into the first three months of the next year.

WHEREAS, the State and the Agency desire to amend the provisions of such contract related to the delivery and scheduling of entitlement water to allow, under certain conditions, the carry-over of a portion of the Agency's entitlement deliveries from a respective year into the first three months of the next calendar year.

WHEREAS, the carry-over of entitlement by the Agency is not intended to adversely impact current or future project operations.

WHEREAS, the State Water Project contractors and the Department are aware that the carry-over of entitlement water from one year into the next may increase or decrease the costs to other SWP contractors in either year. The tracking of those costs may be too complex and expensive and does not warrant special accounting procedures to be established; however, any significant identifiable cost shall be charged to those contractors causing such cost, as determined by the Department;

WHEREAS, the carry-over of entitlement water is not to affect the payment provisions of the contract.

NOW THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Agency's Water Supply Contract with the State:

1. Article 1(ii) is added to read:

"Carry-over Entitlement Water" shall mean water from a contractor's annual entitlement for a respective year which is made available for delivery by the State in the next year pursuant to Article 12(e).

2. Article 12(e) is added to read:

(e) Delivery of Carry-over Entitlement Water

Upon request of the Agency, the State shall make Carry-over Entitlement Water available for delivery to the Agency during the first three months of the next year, to the extent that such deliveries do not adversely affect current or future project operations, as determined by the State. The State's determination shall include, but not be limited to the operational constraints of project facilities, filling of project conservation storage, flood control releases and water quality restrictions.

Carry-over of entitlement water shall be limited to entitlement water that was included in the Agency's approved delivery schedule for October, November and December, but was not delivered due to:

(1) scheduled or unscheduled outages of facilities within the Agency's service area; or

(2) a delay in the planned application of a contractor's annual entitlement water for pre-irrigation; or

(3) a delay in the planned spreading of the Agency's annual entitlement water for ground water storage.

After determining that the carry-over of entitlement water would not adversely affect project operations, the State shall notify the Agency of the amount of entitlement water to be carried over to the following January through March period. The notification shall include the proposed terms and

conditions consistent with this Article 12(e) that would govern the delivery of the Carry-over Entitlement Water.

The Agency agrees to pay all significant identifiable costs associated with its Carry-over Entitlement Water, as determined by the State.

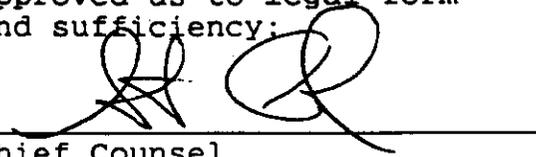
All scheduling and delivery of Carry-over Entitlement Water shall be carried out pursuant to the provisions of this contract.

The Agency agrees to forego the delivery of any Carry-over Entitlement Water that is lost because of project operations or is not delivered by March 31 of the next year.

Any Carry-over Entitlement Water foregone by the Agency will become a part of the current year's total project supply.

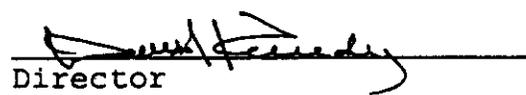
WITNESS WHEREOF, the parties have executed this contract on the date first above written.

Approved as to legal form and sufficiency:



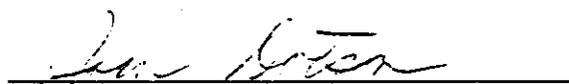
Acting Chief Counsel
Department of Water Resources

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES



Director

Attest:



Name

Secretary, Board of Directors
Title

February 19, 1991
Date

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT



Name

President, Board of Directors
Title

February 19, 1991
Date

1
2 STATE OF CALIFORNIA
3 THE RESOURCES AGENCY
4 DEPARTMENT OF WATER RESOURCES

5 AMENDMENT NO. 15 (THE MONTEREY AMENDMENT)
6 TO WATER SUPPLY CONTRACT BETWEEN THE
7 STATE OF CALIFORNIA DEPARTMENT OF
8 WATER RESOURCES AND SAN BERNARDINO VALLEY MUNICIPAL WATER
9 DISTRICT

10 THIS AMENDMENT to the Water Supply Contract is made this
11 17TH day of March, 1997, pursuant to the
12 provisions of the California Water Resources Development Bond Act,
13 the Central Valley Project Act, and other applicable laws of the
14 State of California, between the State of California, acting by and
15 through its Department of Water Resources, herein referred to as the
16 "State", and San Bernardino Valley Municipal Water District, herein
17 referred to as the "District".

18 RECITALS:

19 WHEREAS, the State and the District have entered into and
20 subsequently amended a water supply contract providing that the
21 State will supply certain quantities of water to the District, and
22 providing that the District shall make certain payments to the
23 State, and setting forth the terms and conditions of such supply and
24 such payment; and

25 WHEREAS, on December 1, 1994, representatives of the
26 contractors and the State executed a document entitled "Monterey
27 Agreement - Statement of Principles - By the State Water Contractors
28 and the State of California Department of Water Resources For
Potential Amendments To The State Water Supply Contracts" (the
"Monterey Agreement"); and

1 WHEREAS, the contractors and the State have negotiated an
2 amendment to the water supply contracts to implement provisions of
3 the Monterey Agreement (the "Monterey Amendment"); and

4 WHEREAS, the State and the District desire to implement such
5 provisions by incorporating this Monterey Amendment into the water
6 supply contract;

7 NOW, THEREFORE, IT IS MUTUALLY AGREED that the following
8 changes and additions are hereby made to the District's water supply
9 contract with the State:

10
11
12 **1. Article 1(d) is amended to read:**

13 **(d) Contractor**

14 "Contractor" shall mean any entity that has executed, or is
15 an assignee of, a contract of the type published in Department of
16 Water Resources Bulletin No. 141 dated November 1965, with the
17 State for a dependable supply of water made available by the System,
18 except such water as is made available by the facilities specified
19 in Section 12934(d)(6) of the Water Code.

20
21 **2. Article 1(1) is amended to read:**

22 **(1) Minimum Project Yield**

23 "Minimum project yield" shall mean the dependable annual
24 supply of project water to be made available, estimated to be
25 4,185,000 acre-feet per year, said amount to be determined by the
26 State on the basis of coordinated operation studies of initial
27 project conservation facilities and additional project conservation
28 facilities, which studies shall be based upon:

1 (1) The estimated relative proportion of deliveries for
2 agricultural use to deliveries for municipal use for the year 1990,
3 and the characteristic distributions of demands for these two uses
4 throughout the year.

5 (2) Agreements now in effect or as hereafter amended or
6 supplemented between the State and the United States and others
7 regarding the diversion or utilization of waters of the Delta or
8 streams tributary thereto.

9
10 3. Article 1(hh) is amended to read:

11 (hh) Water System Facilities

12 (hh) "Water System Facilities" shall mean the following
13 facilities to the extent that they are financed with water system
14 revenue bonds or to the extent that other financing of such
15 facilities is reimbursed with proceeds from water system revenue
16 bonds:

17 (1) The North Bay Aqueduct,

18 (2) The Coastal Branch Aqueduct,

19 (3) Delta Facilities, including Suisun Marsh
20 facilities, to serve the purposes of water conservation in
21 the Delta, water supply in the Delta, transfer of water
22 across the Delta, and mitigation of the environmental effects
23 of project facilities, and to the extent presently authorized
24 as project purposes, recreation and fish and wildlife
25 enhancement,

26 (4) Local projects as defined in Article 1(h)(2)
27 designed to develop no more than 25,000 acre-feet of project
28 yield from each project,

1 (5) Land acquisition prior to December 31, 1995, for
2 the Kern Fan Element of the Kern Water Bank,

3 (6) Additional pumps at the Banks Delta Pumping Plant,

4 (7) The transmission line from Midway to Wheeler Ridge
5 Pumping Plant,

6 (8) Repairs, additions, and betterments to conservation
7 or transportation facilities existing as of January 1, 1987,
8 and to all other facilities described in this subarticle (hh)
9 except for item (5),

10 (9) A project facilities corporation yard, and

11 (10) A project facilities operation center.

12
13 **4. Article 1(jj) is added to read:**

14 **(jj) Interruptible water**

15 "Interruptible water" shall mean project water available as
16 determined by the State that is not needed for fulfilling
17 contractors' annual entitlement deliveries as set forth in their
18 water delivery schedules furnished pursuant to Article 12 or for
19 meeting project operational requirements, including storage goals
20 for the current or following years.

21
22 **5. Article 1(kk) is added to read:**

23 **(kk) Nonproject water**

24 "Nonproject water" shall mean water made available for
25 delivery to contractors that is not project water as defined in
26 Article 1(k).

1 6. **Article 1(11) is added to read:**

2 (11) "Monterey Amendments" shall mean this amendment and
3 substantially similar amendments to other contractors' water supply
4 contracts that include, among other provisions, the addition of
5 Articles 51 through 56.

6

7 7. **Article 4 is amended to read:**

8 4. **OPTION FOR CONTINUED SERVICE**

9 By written notice to the State at least six (6) months prior
10 to the expiration of the term of this contract, the District may
11 elect to receive continued service after expiration of said term
12 under the following conditions unless otherwise agreed to:

13 (1) Service of water in annual amounts up to and
14 including the District's maximum annual
15 entitlement hereunder.

16 (2) Service of water at no greater cost to the
17 District than would have been the case had this
18 contract continued in effect.

19 (3) Service of water under the same physical
20 conditions of service, including time, place,
21 amount and rate of delivery, as are provided for
22 hereunder.

23 (4) Retention of the same chemical quality objective
24 provision as is set forth herein.

25 (5) Retention of the same options to utilize the
26 project transportation facilities as are provided
27 for in Articles 18 (c) and 55, to the extent such
28 options are then applicable.

1 Other terms and conditions of the continued service shall be
2 reasonable and equitable and shall be mutually agreed upon. In the
3 event that said terms and conditions provide for continued service
4 for a limited number of years only, the District shall have the same
5 option to receive continued service here provided for upon the
6 expiration of that and each succeeding period of continued service.

7
8 **8. Article 7(a) is amended to read:**

9 **(a) Changes in Annual Entitlements**

10 The District may, at any time or times during the term of this
11 contract, by timely written notice furnished to the State, request
12 that project water be made available to it thereafter in annual
13 amounts greater or less than the annual entitlements designated in
14 Table A of this contract. Subject to approval by the State of any
15 such request, the State's construction schedule shall be adjusted
16 to the extent necessary to satisfy the request, and the requested
17 increases or decreases in said annual entitlements shall be
18 incorporated in said Table A by amendment thereof. Requests for
19 changes in annual entitlements for more than one year shall be
20 approved by the State: *Provided*, That no change shall be approved
21 if in the judgment of the State it would impair the financial
22 feasibility of project facilities.

23
24 **9. The title of Article 12 is amended to read "Priorities,**
25 **Amounts, Times and Rates of Deliveries".**

1 **10. Article 12(a)(2) is amended to read:**

2 (2) Upon receipt of a preliminary schedule the State shall
3 review it and, after consultation with the District, shall make such
4 modifications in it as are necessary to insure the delivery of the
5 annual quantity allocated to the District in accordance with
6 Article 18 and to insure that the amounts, times, and rates of
7 delivery to the District will be consistent with the State's overall
8 delivery ability, considering the then current delivery schedules
9 of all contractors. On or before December 1 of each year, the State
10 shall determine and furnish to the District the water delivery
11 schedule for the next succeeding year which shall show the amounts
12 of water to be delivered to the District during each month of that
13 year.

14

15 **11. Article 12(d) is deleted.**

16

17 **12. Article 12(f) is added to read:**

18 **(f) Priorities**

19 Each year water deliveries to the contractors shall be in
20 accordance with the following priorities to the extent there are
21 conflicts:

22 First, project water to meet scheduled deliveries of
23 contractors' annual entitlements for that year.

24 Second, interruptible water to the extent contractors' annual
25 entitlements for that year are not met by the first priority.

26 Third, project water to fulfill delivery requirements pursuant
27 to Article 14(b).

28

1 Fourth, project water previously stored pursuant to Articles
2 12(e) and 56.

3 Fifth, nonproject water to fulfill contractors' annual
4 entitlements for that year not met by the first two priorities.

5 Sixth, additional interruptible water delivered to contractors
6 in excess of their annual entitlements for that year.

7 Seventh, additional nonproject water delivered to contractors
8 in excess of their annual entitlements for that year.

9
10 **13. Article 14 is amended to read:**

11 **Curtailment of Delivery**

12 **(a) State May Curtail Deliveries**

13 The State may temporarily discontinue or reduce the delivery
14 of project water to the District hereunder for the purposes of
15 necessary investigation, inspection, maintenance, repair, or
16 replacement of any of the project facilities necessary for the
17 delivery of project water to the District, as well as due to outages
18 in, or reductions in capability of, such facilities beyond the
19 State's control or unuseability of project water due to an emergency
20 affecting project facilities. The State shall notify the District
21 as far in advance as possible of any such discontinuance or
22 reduction, except in cases of emergency, in which case notice need
23 not be given.

24 **(b) District May Receive Later Delivery of Water Not
25 Delivered**

26 In the event of any discontinuance or reduction of delivery
27 of project water pursuant to subdivision (a) of this article, the
28 District may elect to receive the amount of annual entitlement which
otherwise would have been delivered to it during such period under

1 the water delivery schedule for that year at other times during the
2 year or the succeeding year to the extent that such water is then
3 available and such election is consistent with the State's overall
4 delivery ability, considering the then current delivery schedules
5 of annual entitlement to all contractors.

6
7 **14. Article 16(a) is amended to read:**

8 **(a) Limit on Total of all Maximum Annual Entitlements**

9 The District's maximum annual entitlement hereunder, together
10 with the maximum annual entitlements of all other contractors, shall
11 aggregate no more than the minimum project yield as defined herein
12 and in no event more than 4,185,000 acre-feet of project water.

13
14 **15. Article 18 is amended to read:**

15 **18. SHORTAGE IN WATER SUPPLY**

16 **(a) Shortages; Delivery Priorities**

17 In any year in which there may occur a shortage due to drought
18 or any other cause whatsoever, in the supply of project water
19 available for delivery to the contractors, with the result that such
20 supply is less than the total of the annual entitlements of all
21 contractors for that year, the State shall allocate the available
22 supply in proportion to each contractor's annual entitlement as set
23 forth in its Table A for that year and shall reduce the allocation
24 of project water to each contractor using such water for
25 agricultural purposes and to each contractor using such water for
26 other purposes by the same percentage of their respective annual
27 entitlements for that year: *Provided*, that the State may allocate
28 on some other basis if such is required to meet minimum demands of

1 contractors for domestic supply, fire protection, or sanitation
2 during the year. If a contractor is allocated more water than it
3 requested, the excess water shall be reallocated among the other
4 contractors in proportion to their annual entitlements as provided
5 for above. The foregoing provisions of this subdivision shall be
6 inoperative to the extent necessary to comply with subdivision (c)
7 of this article and to the extent that a contractor's annual
8 entitlement for the respective year reflects established rights
9 under the area of origin statutes precluding a reduction in
10 deliveries to such contractor.

11 (b) - Deleted

12 (c) **Permanent Shortage; Contracts for Areas-of-Origin**

13 In the event that the State, because of the establishment by
14 a party of a prior right to water under the provisions of Sections
15 11460 through 11463 of the Water Code, enters into a contract with
16 such party for a dependable supply of project water, which contract
17 will cause a permanent shortage in the supply of project water to
18 be made available to the District hereunder:

19 (1) The State shall: (i) equitably redistribute the costs of
20 all transportation facilities included in the System among all
21 contractors for project water, taking into account the diminution
22 of the supply to the District and other prior contractors in
23 accordance with the terms of their contracts, and (ii) revise the
24 District's annual entitlements and maximum annual entitlement, by
25 amendment of Table A of this contract to correspond to the reduced
26 supply of project water to be made available to the District:
27 *Provided*, That such redistribution of costs of transportation
28 facilities shall not be made until there has been reasonable

1 opportunity for the District to exercise the option provided for in
2 (2) below, and for other prior contractors to exercise similar
3 options.

4 (2) The District, at its option, shall have the right to use
5 any of the project transportation facilities which by reason of such
6 permanent shortage in the supply of project water to be made
7 available to the District are not required for delivery of project
8 water to the District, to transport water procured by it from any
9 other source: *Provided*, That such use shall be within the limits
10 of the capacities provided in the project transportation facilities
11 for service to the District under this contract: *Provided further*,
12 That, except to the extent such limitation in Section 12931 of the
13 Water Code be changed, the District shall not use the project
14 transportation facilities under this option to transport water the
15 right to which was secured by the District through eminent domain
16 unless such use be approved by the Legislature by concurrent
17 resolution with a majority of the members elected to each house
18 voting in favor thereof. This option shall terminate upon a
19 redistribution of costs of transportation facilities by the State
20 pursuant to (1) above. In the event that this option is exercised,
21 the State shall take such fact into account in making such
22 redistribution of costs, and shall offset such use as is made of the
23 project transportation facilities pursuant thereto against any
24 reduction in the District's payment obligation hereunder resulting
25 from such redistribution of costs.

26

27

28

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

(d) Reinstatement of Entitlements

If after any revision of annual entitlements and maximum annual entitlements pursuant to subdivision (c) of this article, circumstances arise which, in the judgment of the State, justify a revision upward of the same, the State shall, with the consent of the affected contractor, reinstate proportionately the previously reduced entitlements of such contractor to the extent deemed justified, and shall equitably redistribute the costs of the project transportation facilities if inequities would otherwise occur as a result of such reinstatement of entitlements.

(e) Advance Notice of Delivery Reductions

The State shall give the District written notice as far in advance as possible of any reduction in deliveries to it which is to be made under subdivision (a) of this article and, to the extent possible, shall give the District written notice five (5) years in advance of any reduction in its annual entitlements and maximum annual entitlement under subdivision (c) of this article. Reports submitted to the District pursuant to Article 16(c) may constitute such notices.

(f) No Liability for Shortages

Neither the State nor any of its officers, agents, or employees shall be liable for any damage, direct or indirect, arising from shortages in the amount of water to be made available for delivery to the District under this contract caused by drought, operation of area of origin statutes, or any other cause beyond its control.

1 16. Old Article 21 "Sale of Surplus Water" is deleted and
2 replaced by new Article 21 "Interruptible Water Service"
3 to read:

4 **21. Interruptible Water Service**

5 (a) **Allocation of Interruptible Water**

6 Each year from water sources available to the project, the
7 State shall make available and allocate interruptible water to
8 contractors in accordance with the procedure in Article 18(a).
9 Allocations of interruptible water in any one year may not be
10 carried over for delivery in a subsequent year, nor shall the
11 delivery of interruptible water in any year impact a contractor's
12 approved deliveries of annual entitlement or the contractor's
13 allocation of water for the next year. Deliveries of interruptible
14 water in excess of a contractor's annual entitlement may be made if
15 the deliveries do not adversely affect the State's delivery of
16 annual entitlement to other contractors or adversely affect project
17 operations. Any amounts of water owed to the District as of the
18 date of this amendment pursuant to former Article 12(d), any
19 contract provisions or letter agreements relating to wet weather
20 water, and any Article 14(b) balances accumulated prior to 1995, are
21 canceled. The State shall hereafter use its best efforts, in a
22 manner that causes no adverse impacts upon other contractors or the
23 project, to avoid adverse economic impacts due to a contractor's
24 inability to take water during wet weather.

25 (b) **Rates**

26 For any interruptible water delivered pursuant to this
27 article, contractors shall pay the State the same (including
28 adjustments) for power resources (including on-aqueduct,

1 off-aqueduct, and any other power) incurred in the transportation
2 of such water as if such interruptible water were entitlement water,
3 as well as all incremental operation, maintenance, and replacement
4 costs, and any other incremental costs, as determined by the State.
5 The State shall not include any administrative or contract
6 preparation charge. Incremental costs shall mean those nonpower
7 costs which would not be incurred if interruptible water were not
8 scheduled for or delivered to the contractor. Only those
9 contractors not participating in the repayment of the capital costs
10 of a reach shall be required to pay any use of facilities charge for
11 the delivery of interruptible water through that reach.

12 (c) **Contracts**

13 To obtain a supply of interruptible water, a contractor shall
14 execute a further contract with the State which shall be in
15 conformity with this article and shall include at least provisions
16 concerning the scheduling of deliveries of interruptible water and
17 times and methods of payment.

18

19 **17. Article 22(j) is amended to read:**

20 (j) Notwithstanding provisions of Article 22(a) through (i),
21 the capital cost component and the minimum OMP&R component of the
22 Delta Water Charge shall include an annual charge to recover the
23 District's share of the conservation portion of the water system
24 revenue bond financing costs. Charges to the District for these
25 costs shall be calculated in accordance with provisions in
26 Article 50 of this contract. Charges for the conservation portion
27 of the water system revenue bond financing costs shall not be
28 affected by any reductions in payments pursuant to Article 51.

1 18. The first paragraph of Article 24(b) is amended to read:

2 (b) In the first step, the total amount of capital costs of
3 each aqueduct reach to be returned to the State shall be allocated
4 among all contractors entitled to delivery of project water from or
5 through the reach by the proportionate use of facilities method of
6 cost allocation and in accordance with (1) and (2) below. The
7 measure of the proportionate use of each contractor of each reach
8 shall be the average of the following two ratios: (i) the ratio of
9 the contractor's maximum annual entitlement to be delivered from or
10 through the reach to the total of the maximum annual entitlements
11 of all contractors to be delivered from or through the reach from
12 the year in which charges are to be paid through the end of the
13 project repayment period and (ii) the ratio of the capacity provided
14 in the reach for the transport and delivery of project water to the
15 contractor to the total capacity provided in the reach for the
16 transport and delivery of project water to all contractors served
17 from or through the reach from the year in which charges are to be
18 paid through the end of the project repayment period. Allocations
19 of capital costs to the District pursuant hereto shall be on the
20 basis of relevant values which will be set forth in Table B of this
21 contract by the State as soon as designs and cost estimates are
22 prepared by it subsequent to receipt of requests from the District
23 as to the maximum monthly delivery capability to be provided in each
24 aqueduct reach of the project transportation facilities for the
25 transport and delivery of project water to the District, pursuant
26 to Article 17(a): *Provided*, That these values shall be subject to
27 redetermination by the State in accordance with Article 28: *Provided*
28 *further*, That the principles and procedures set forth in this

1 subdivision shall be controlling as to allocations of capital costs
2 to the District. Proportionate use of facilities factors for prior
3 years shall not be adjusted by the State in response to changes or
4 transfers of entitlement among contractors unless otherwise agreed
5 by the State and the parties to the transfer and unless there is no
6 impact on past charges or credits of other contractors.

7
8 **19. Article 24(h) is amended to read:**

9 (h) Notwithstanding provisions of Article 24(a) through (d),
10 the capital cost component of the Transportation Charge shall
11 include an annual charge to recover the District's share of the
12 transportation portion of the water system revenue bond financing
13 costs. Charges to the District for these costs shall be calculated
14 in accordance with the provisions of Article 50 of this contract.
15 Charges for the transportation portion of the water system revenue
16 bond financing costs shall not be affected by any reductions in
17 payments pursuant to Article 51.

18
19 **20. Article 25(d) (3) is amended to read:**

20 (3) An interim adjustment in the allocation of the power costs
21 calculated in accordance with (2) above, may be made in May of each
22 year based on April revisions in approved schedules of deliveries
23 of project and nonproject water for contractors for such year. A
24 further adjustment shall be made in the following year based on
25 actual deliveries of project and nonproject water for contractors
26 provided, however, in the event no deliveries are made through a
27 pumping plant, the adjustments shall not be made for that year at
28 that plant.

1 21. Article 50(j) is added to read:

2 (j) Amounts payable under this article shall not be affected
3 by any reductions in payments pursuant to Article 51.

4

5 22. Article 51 is added to read:

6 51. FINANCIAL ADJUSTMENTS

7 (a) General Operating Account

8 (1) The State shall maintain a General Operating Account to
9 provide the moneys needed to pay obligations incurred by the State
10 of the types described in Water Code sections 12937(b)(1) and (2)
11 in the event of emergency or cash flow shortages.

12 (2) An initial deposit of \$15 million shall be made available
13 from revenue bond reserves that are no longer required by revenue
14 bond covenants and that would otherwise be credited to the
15 contractors including the District. In 1998 or when the funds
16 become available an additional \$7.7 million will be deposited in the
17 General Operating Account from revenue bond reserves that are no
18 longer required by revenue bond covenants and that would otherwise
19 be credited to the contractors including the District, bringing the
20 deposits to that account under this article to \$22.7 million.

21 (3) The balance in the General Operating Account will
22 increase pursuant to subdivision (e)(3)(v) of this article to an
23 amount determined by the State but not in excess of \$32 million.
24 However, after the year 2001, the maximum amount of the fund may
25 increase or decrease annually by not more than the same percentage
26 as the increase or decrease in the charges, other than power charges
27 for pumping water, to all the contractors for the previous year from

28

1 the charges for the year before that for obligations under
2 subdivisions (c) (2) (ii) and (iii) of this article.

3 (b) **State Water Facilities Capital Account**

4 (1) The State shall establish a State Water Facilities
5 Capital Account to be funded from revenues available under Water
6 Code section 12937(b) (4). Through procedures described in this
7 article and as limited by this article, the State may consider as
8 a revenue need under subdivision (c) (2) (v) of this article and may
9 deposit in the State Water Facilities Capital Account the amounts
10 necessary to pay capital costs of the State Water Facilities for
11 which neither general obligation bond nor revenue bond proceeds are
12 available, including but not limited to planning, reconnaissance and
13 feasibility studies, the San Joaquin Valley Drainage Program and,
14 through the year 2000, the CALFED Bay-Delta Program.

15 (2) The Director of the Department of Water Resources shall
16 fully consult with the contractors and consider any advice given
17 prior to depositing funds into this account for any purposes.
18 Deposits into this account shall not exceed the amounts specified
19 in subdivision (c) (2) (v) of this article plus any amounts determined
20 pursuant to subdivision (e) (1) (iii) of this article.

21 (3) The State shall use revenue bonds or other sources of
22 moneys rather than this account to finance the costs of construction
23 of any major capital projects.

24 (c) **Calculation of Financial Needs**

25 (1) Each year the State shall calculate in accordance with
26 the timing provisions of Articles 29 and 31 the amounts that would
27 have been charged (but for this article) to each contractor as
28 provided in other provisions of this contract.

1 (2) Each year the State shall also establish its revenue
2 needs for the following year for the following purposes, subject to
3 the following limitations:

4 (i) The amount required to be collected under the
5 provisions of this contract, other than this article, with respect
6 to all revenue bonds issued by the State for Project Facilities.

7 (ii) The amount required for payment of the reasonable
8 costs of the annual maintenance and operation of the State Water
9 Resources Development System and the replacement of any parts
10 thereof as described in Water Code section 12937(b)(1). These costs
11 shall not include operation and maintenance costs of any Federal
12 Central Valley Project facilities constructed by the United States
13 and acquired by the State of California after 1994, other than the
14 State's share of the joint use facilities which include San Luis
15 Reservoir, the San Luis Canal and related facilities.

16 (iii) The amount required for payment of the principal
17 of and interest on the bonds issued pursuant to the Burns-Porter Act
18 as described in Water Code section 12937(b)(2).

19 (iv) Any amount required for transfer to the California
20 Water Fund in reimbursement as described in Water Code section
21 12937(b)(3) for funds utilized from said fund for construction of
22 the State Water Resources Development System.

23 (v) For the years 1998 and thereafter, the amount needed
24 for deposits into the State Water Facilities Capital Account as
25 provided in subdivision (b) of this article, but (A) not more than
26 \$6 million per year for the years 1998, 1999 and 2000, and (B) not
27 more than \$4.5 million per year for the years 2001 and thereafter.

28

1 (3) Subject to the provisions of subdivision (e) of this
2 article, the State shall reduce the annual charges in the aggregate
3 for all contractors by the amounts by which the hypothetical charges
4 calculated pursuant to subdivision (c)(1) above exceed the revenue
5 needs determined pursuant to subdivision (c)(2) above. The
6 reductions under this article shall be apportioned among the
7 contractors as provided in subdivisions (d), (e), (f) and (g) of
8 this article. Reductions to contractors shall be used to reduce the
9 payments due from the contractors on each January 1 and July 1;
10 *Provided, however,* that to the extent required pursuant to
11 subdivision (h) of this article, each Agricultural Contractor shall
12 pay to the Agricultural Rate Management Trust Fund an amount equal
13 to the reduction allocated to such Agricultural Contractor. Any
14 default in payment to the trust fund shall be subject to the same
15 remedies as any default in payment to the State under this contract.

16 (4) The State may submit a supplemental billing to the
17 District for the year in an amount not to exceed the amount of the
18 prior reductions for such year under this article if necessary to
19 meet unanticipated costs for purposes identified in Water Code
20 section 12937(b)(1) and (2) for which the State can issue billings
21 under other provisions of this contract. Any supplemental billing
22 made to the District for these purposes shall be in the same
23 proportion to the total supplemental billings to all contractors for
24 these purposes as the prior reduction in charges to the District in
25 that year bears to the total reductions in charges to all
26 contractors in that year and shall be treated as reducing the amount
27 of the reduction made available for that year to the District by the
28 amount of the supplemental bill to the District.

1 Agricultural Contractors, and the remaining reductions shall be
2 apportioned among the Urban Contractors.

3 (iii) In 1999 reductions in the amount of \$32 million
4 are projected to be available and shall be applied as follows: the
5 first \$10 million of reductions shall be apportioned among the
6 Agricultural Contractors, and the remaining reductions shall be
7 apportioned among the Urban Contractors.

8 (iv) In 2000 reductions in the amount of \$33 million are
9 projected to be available and shall be applied as follows: the first
10 \$10 million of reductions shall be apportioned among the
11 Agricultural Contractors, and the remaining reductions shall be
12 apportioned among the Urban Contractors.

13 (3)(i) In the event that the aggregate amount of reductions
14 in any of the years 1997 through 2000 is less than the respective
15 amount projected for such year in subdivision (d)(2) above, the
16 shortfall shall be taken first from reductions that would have been
17 provided to Urban Contractors. Only after all reductions to Urban
18 Contractors have been eliminated in a given year shall the remaining
19 shortfall be taken from reductions scheduled for Agricultural
20 Contractors. Any projected reductions not made available due to
21 such shortfalls in the years 1997 through 2000 shall be deferred
22 with interest at the project interest rate to the earliest
23 subsequent years when reductions in excess of those projected for
24 those years are available. Such deferred reductions with interest
25 at the project interest rate shall be applied to the charges of the
26 contractors whose reductions have been deferred.

27 (ii) In the event that the aggregate amount of
28 reductions available in any of the years 1997 through 2000 is

1 greater than the sum of (A) the respective amount projected for such
2 year in subdivision (d)(2) above, plus (B) the amount of any
3 shortfall with accrued interest at the project interest rate,
4 remaining from any prior year to be applied, the excess shall be
5 applied for the purposes and in the amounts per year described in
6 subdivisions (e)(3)(iii), (iv), (v) and (vi) of this article, in
7 that order.

8 (4) In 2001 and in each succeeding year reductions equal to
9 or in excess of \$40.5 million are projected to be available and
10 shall be applied as follows:

11 (i) If reductions are available in an amount that equals
12 or exceeds \$40.5 million, \$10 million of reductions shall be
13 apportioned among the Agricultural Contractors, and \$30.5 million
14 of reductions shall be apportioned among the Urban Contractors. If
15 reductions are available in an amount greater than \$40.5 million,
16 the excess shall be applied as provided in subdivision (e)(3) of
17 this article, subject however to subdivision (e)(1).

18 (ii) If reductions are available in an amount less than
19 \$40.5 million in any of these years, the reductions shall be divided
20 on a 24.7% - 75.3% basis between the Agricultural Contractors and
21 the Urban Contractors respectively. Any such reductions not made
22 due to shortages shall be applied without interest in the next year
23 in which reductions in an amount in excess of \$40.5 million are
24 available pursuant to subdivision (e)(3) of this article with any
25 remainder that is not available carried over without interest to be
26 applied in the earliest subsequent years when reductions in excess
27 of \$40.5 million are available.

28

1 (5) Annual charges to a contractor shall only be reduced
2 prospectively from and after the date it executes the Monterey
3 Amendment to this contract. Apportionments of reductions shall be
4 calculated on the assumption that all contractors have executed such
5 amendment.

6 (e) **Review of Financial Requirements**

7 (1) In 2001 and every fifth year thereafter the Director of
8 the Department of Water Resources, in full consultation with the
9 contractors, will review the financial requirements of the State
10 Water Resources Development System and determine the following:

11 (i) The amount of revenues that are needed for State
12 Water Resources Development System purposes in addition to those
13 needed for the purposes specified in subdivisions (c)(2)(i), (ii),
14 (iii), and (iv) of this article;

15 (ii) If the aggregate amount that would have been
16 charged to all contractors in any year but for this article exceeds
17 the sum of (A) the amount of revenues needed for the purposes
18 specified in subdivisions (c)(2)(i), (ii), (iii) and (iv), plus (B)
19 \$40.5 million, plus (C) the amount determined pursuant to
20 subdivision (c)(2)(v) of this article, the amount of such excess.

21 (iii) The amount of the excess determined in subdivision
22 (e)(1)(ii) above that should be collected by the State for
23 additional State Water Resources Development System purposes and the
24 amount of such excess that should be used for further annual charge
25 reductions.

26 (2) After making the determinations required above, the State
27 may collect the revenues for additional State Water Resources
28

1 Development System purposes in the amount determined pursuant to
2 subdivision (e) (1) (iii) above.

3 (3) If and to the extent that as a result of such
4 determinations, the aggregate amount to be charged to contractors
5 is to be reduced by more than \$40.5 million per year, the following
6 priorities and limitations shall apply with respect to the
7 application of such additional reductions:

8 (i) First, reductions shall be allocated to make up
9 shortfalls in reductions from those projected for the years 1997
10 through 2000 with interest at the project interest rate pursuant to
11 subdivision (d) (3) (i).

12 (ii) Second, reductions shall be allocated to make up
13 shortfalls in reductions from those projected for the years
14 beginning with 2001 without interest pursuant to subdivision
15 (d) (4) (ii).

16 (iii) Third, additional reductions in the amount of \$2
17 million per year shall be apportioned among the Urban Contractors
18 until a total of \$19.3 million in such additional reductions have
19 been so applied.

20 (iv) Fourth, reductions up to an additional \$2 million
21 per year shall be allocated to make up any shortfalls in the annual
22 reductions provided for in subdivision (e) (3) (iii).

23 (v) Fifth, \$2 million per year shall be charged and
24 collected by the State and deposited in the General Operating
25 Account to bring the account ultimately up to an amount determined
26 by the State but not in excess of \$32 million with adjustments as
27 provided in subdivision (a) of this article. Any amount in the
28

1 account in excess of this requirement shall be returned to general
2 project revenues.

3 (vi) Sixth, remaining amounts if any shall be used for
4 reductions divided on a 24.7% - 75.3% basis between the Agricultural
5 Contractors and the Urban Contractors respectively.

6 (f) **Apportionment of Reductions among Urban Contractors.**

7 Reductions in annual charges apportioned to Urban Contractors under
8 subdivisions (d) and (e) of this article shall be further allocated
9 among Urban Contractors pursuant to this subdivision. The amount
10 of reduction of annual charges for each Urban Contractor shall be
11 based on each Urban Contractor's proportionate share of total
12 allocated capital costs as calculated below, for both project
13 conservation and project transportation facilities, repaid by all
14 Urban Contractors over the project repayment period.

15 (1) The conservation capital cost component of the reduction
16 allocation shall be apportioned on the basis of maximum annual
17 entitlement. Each Urban Contractor's proportionate share shall be
18 the same as the percentage of that contractor's maximum annual
19 entitlement to the total of all Urban Contractors' maximum annual
20 entitlements.

21 (2) The transportation capital cost component of the
22 reduction allocation shall be apportioned on the basis of
23 transportation capital cost component repayment obligations,
24 including interest over the project repayment period. Each Urban
25 Contractor's proportionate share shall be the same as the percentage
26 that the contractor's total transportation capital cost component
27 repayment obligation is of the total of all Urban Contractors'
28 transportation capital cost component repayment obligations.

1 (i) Recalculations shall be made annually through the
2 year 1999. Beginning in the year 2000 recalculations shall be made
3 every five years unless an Urban Contractor requests a recalculation
4 for an interim year and does so by a request in writing delivered
5 to the Department by January 1 of the year in which the
6 recalculation is to take place.

7 (ii) The transportation capital cost component
8 repayment obligations, for purposes of this Article 51(f), shall be
9 based in the year of recalculation on the then most recent
10 Department of Water Resources Bulletin 132, Table B-15, "Capital
11 Cost Component of Transportation Charge for Each Contractor," or its
12 equivalent, excluding any costs or entitlement associated with
13 transfers of entitlement from Agricultural Contractors pursuant to
14 Article 53.

15 (3) To reflect the relative proportion of the conservation
16 capital cost component and the transportation capital cost component
17 to the total of all capital cost repayment obligations, the two cost
18 components shall be weighted as follows:

19 (i) The conservation capital cost component shall be
20 weighted with a thirty percent (30%) factor. The weighting shall
21 be accomplished by multiplying each Urban Contractor's percentage
22 of maximum annual entitlements as calculated in subdivision (f)(1)
23 of this article by thirty percent (30%).

24 (ii) The transportation capital cost component shall be
25 weighted with a seventy percent (70%) factor. The weighting shall
26 be accomplished by multiplying each Urban Contractor's percentage
27 of transportation capital cost component repayment obligations as
28

1 calculated in subdivision (f) (2) of this article by seventy percent
2 (70%).

3 (iii) A total, weighted capital cost percentage shall
4 be calculated for each Urban Contractor by adding the weighted
5 conservation capital cost component percentage to their weighted
6 transportation capital cost component percentage.

7 (4) The total amount of the annual charges to be reduced to
8 Urban Contractors in each year shall be allocated among them by
9 multiplying the total amount of annual charges to be reduced to the
10 Urban Contractors by the total, weighted capital cost percentages
11 for each such contractor. If the amount of the reduction to an
12 Urban Contractor is in excess of that contractor's payment
13 obligation to the Department for that year, such excess shall be
14 reallocated among the other Urban Contractors.

15 (5) In the case of a permanent transfer of urban entitlement,
16 the proportionate share of annual charge reductions associated with
17 that entitlement shall be transferred with the entitlement to the
18 buying contractor. In the case of an entitlement transfer by either
19 Santa Barbara County Flood Control and Water Conservation District
20 or San Luis Obispo County Flood Control and Water Conservation
21 District, the reductions in annual charges to that agency shall be
22 allocated (a) on the basis of that entitlement being retained by
23 that agency which bears Coastal Branch Phase II transportation
24 costs, (b) on the basis of that entitlement being retained by that
25 agency which does not bear Coastal Branch Phase II transportation
26 costs, and (c) on the basis of the balance of that agency's
27 entitlement which also does not bear Coastal Branch Phase II
28 transportation costs.

1 (g) Apportionment of Reductions Among Agricultural
2 Contractors

3 (1) Reductions in annual charges apportioned to Agricultural
4 Contractors under subdivisions (d) and (e) of this article shall be
5 allocated among the Agricultural Contractors pursuant to this
6 subdivision. The amount of reduction of annual charges for each
7 Agricultural Contractor for the years 1997 through 2001 shall be
8 based on each Agricultural Contractor's estimated proportionate
9 share of the total project costs, excluding the variable operation,
10 maintenance, power and replacement components of the Delta Water
11 Charge and the Transportation Charge and also excluding off-aqueduct
12 power charges, to be paid by all Agricultural Contractors for the
13 years 1997 through 2035, calculated without taking into account this
14 article. For purposes of these calculations, Kern County Water
15 Agency's and Dudley Ridge Water District's estimated project costs
16 shall not include any costs associated with the 45,000 acre-feet of
17 annual entitlement being relinquished by those contractors pursuant
18 to subdivision (i) of Article 53. Also, for purposes of these
19 calculations, an Agricultural Contractor's estimated project costs
20 shall not be reduced by the transfer of any of the 130,000 acre-feet
21 of annual entitlements provided for in subdivisions (a) through (i)
22 of Article 53. The proportionate shares for 1997 through 2001
23 shall be calculated as follows:

24 (i) Each Agricultural Contractor's statement of charges
25 received on July 1, 1994, shall be the initial basis for calculating
26 the proportionate shares for the five years 1997 through 2001.

27 (ii) Each Agricultural Contractor's estimated capital
28 and minimum components of the Delta Water Charge and the

1 Transportation Charge (excluding off-aqueduct power charges) and
2 Water Revenue Bond Surcharge shall be totaled for the years 1997
3 through 2035.

4 (iii) Kern County Water Agency and Dudley Ridge Water
5 District totaled costs shall be reduced for the 45,000 acre-feet of
6 annual entitlement being relinquished by them.

7 (iv) Any reductions in an Agricultural Contractor's
8 totaled costs resulting from the transfer of any of the 130,000
9 acre-feet of annual entitlement shall be re-added to that
10 contractor's costs.

11 (v) Each Agricultural Contractor's proportionate share
12 shall be computed by dividing that contractor's total costs by the
13 total costs for all Agricultural Contractors determined pursuant to
14 subparagraphs (ii), (iii) and (iv) above.

15 (2) The reductions in annual charges, for 1997 through 2001,
16 shall be calculated using the method described in subdivision (g) (1)
17 of this article.

18 (3) The allocation shall be recalculated using the same
19 method described in subdivision (g) (1) of this article every five
20 years beginning in 2002, if any Agricultural Contractor requests
21 such a recalculation. Any recalculation shall be based on project
22 cost data beginning with the year that the recalculation is to
23 become effective through 2035.

24 (h) **Agricultural Rate Management Trust Fund**

25 (1) **Establishment.** Through a trust agreement executed
26 contemporaneously with this amendment, the State and the
27 Agricultural Contractors that sign the Monterey Amendments shall
28

1 establish the Agricultural Rate Management Trust Fund with a
2 mutually agreed independent trustee.

3 (2) **Separate Accounts.** The trustee shall maintain within the
4 trust fund a separate account for each Agricultural Contractor that
5 signs the trust agreement to hold deposits made pursuant to this
6 article.

7 (3) **Deposits.** Each Agricultural Contractor that signs the
8 trust agreement shall deposit into such contractor's account within
9 the trust fund, at the same time as payments would otherwise be
10 required by this contract to be made to the State, an amount equal
11 to the amount by which such contractor's charges under this contract
12 have been reduced by reason of this article, until the balance in
13 such contractor's account within the trust fund is the same
14 percentage of \$150,000,000 as such contractor's percentage share of
15 reductions made available to all Agricultural Contractors as
16 specified in subdivision (g) of this article. In 2002 and every
17 fifth year thereafter, the Agricultural Contractors will review the
18 maximum accumulation in the trust fund (the "Cap") and determine
19 whether the cap should be adjusted. However, the Cap shall not be
20 reduced below an aggregate of \$150,000,000 for all Agricultural
21 Contractor accounts.

22 (4) **Trust Fund Disbursements.**

23 (i) In any year in which the State's allocation of water
24 to an Agricultural Contractor by April 15th of that year is less
25 than one-hundred percent (100%) of the contractor's requested annual
26 entitlement for that year, the trustee shall, to the extent there
27 are funds in that contractor's account, distribute to the State from
28 such account for the benefit of that contractor an amount equal to

1 the percentage of the total of that contractor's statement of
2 charges for that year, as redetermined by the State on or about May
3 15th of that year, for (a) the Delta Water Charge; (b) the capital
4 cost and minimum operation, maintenance, power and replacement
5 components of the Transportation Charge (including off-aqueduct
6 power charges); and (c) the water system revenue bond surcharge,
7 that is equal to the percentage of that contractor's annual
8 entitlement for that year that was not allocated to it by the State
9 by April 15th of that year.

10 (ii) In addition to the provisions of subdivision
11 (h) (4) (i) of this article, if on April 15 of any year any of the
12 irrigable land within the Tulare Lake Basin Water Storage District
13 (Tulare) is flooded, and Tulare in writing requests the trustee to
14 do so, the trustee shall, to the extent there are funds in Tulare's
15 account, distribute to the State from such account for the benefit
16 of Tulare an amount equal to the percentage of the total of Tulare's
17 statement of charges for that year, as redetermined by the State on
18 or about May 15th of that year, for (a) the Delta Water Charge; (b)
19 the capital cost and minimum components of the Transportation Charge
20 (including off-aqueduct power charges); and (c) the water system
21 revenue bond surcharge, that is equal to the percentage of the
22 irrigable land within Tulare that is flooded on April 15.

23 (iii) Each Agricultural Contractor shall remain
24 obligated to make payments to the State as required by other
25 articles in this contract. Any amount to be disbursed pursuant to
26 subdivisions (h) (4) (i) and (h) (4) (ii) shall be paid by the trustee
27 to the State on July 1 of the year involved and shall be credited
28 by the State toward any amounts owed by such respective Agricultural

1 Contractor to the State as of that date. However, an Agricultural
2 Contractor may direct the trustee to make the disbursement to that
3 Agricultural Contractor which shall in turn make the payment to the
4 State as required by other provisions of this contract. If the
5 amount to be disbursed exceeds the amount owed to the State by such
6 contractor as of July 1, the excess shall be disbursed by the
7 Trustee to the State at the time of and in payment of future
8 obligations owed to the State by such contractor. Alternatively,
9 upon the request of such contractor, all or part of the excess shall
10 be paid by the trustee to that contractor in reimbursement of prior
11 payments by the contractor to the State for that year.

12 (5) **Payment of Supplemental Bills.** In any year in which a
13 supplemental bill has been submitted to an Agricultural Contractor
14 pursuant to subdivision (c)(4) of this article, such supplemental
15 bill shall be treated as reducing by an equal amount the obligation
16 of such contractor for that year to make payments into the
17 Agricultural Rate Management Trust Fund. To the extent that such
18 contractor has already made payments to the trust fund in an amount
19 in excess of such contractor's reduced trust fund payment
20 obligation, such contractor may request the trustee to use the
21 excess from the trust fund to pay the supplemental bill.

22 (6) **Discharge of Payment Obligation.** Each payment to the
23 State by the trust fund shall discharge and satisfy the Agricultural
24 Contractor's obligation to pay the amount of such payment to the
25 State. No reimbursement of the trust fund by the Agricultural
26 Contractor for such payments shall be required. However, each
27 Agricultural Contractor shall continue to make deposits to the trust
28 fund matching the amount of each year's reductions as provided in

1 subdivision (d) of this article so long as the amount in that
2 contractor's account is less than its share of the Cap.

3 (7) **Distribution of Funds in Excess of the Cap.** Whenever
4 accumulated funds (including interest) in an Agricultural
5 Contractor's account in the trust fund exceed that contractor's
6 share of the Cap, or the estimated remaining payments the contractor
7 is required to make to the State prior to the end of the project
8 repayment period, that contractor may direct the trustee to pay such
9 excess to the contractor.

10 (8) **Termination of Trust Fund.** At the end of the project
11 repayment period, the Agricultural Rate Management Trust Fund shall
12 be terminated and any balances remaining in the accounts for each
13 of the Agricultural Contractors shall be disbursed to the respective
14 Agricultural Contractors.

15 (i) **Definitions.** For the purposes of this article, the
16 following definitions will apply:

17 (1) "Agricultural Contractor" shall mean the following
18 agencies as they now exist or in any reorganized form:

19 (i) County of Kings,

20 (ii) Dudley Ridge Water District,

21 (iii) Empire West Side Irrigation District,

22 (iv) Kern County Water Agency for 993,300 acre-feet of
23 its entitlement,

24 (v) Oak Flat Water District,

25 (vi) Tulare Lake Basin Water Storage District.

26 (2) "Urban Contractor" shall mean every other agency having
27 a long term water supply contract with the State as they exist as
28 of the date of this amendment or in any reorganized form as well as

1 Kern County Water Agency for 119,600 acre-feet of its entitlement.
2 (j) Except as provided in subdivisions (c) (4) and (c) (5),
3 this article shall not be interpreted to result in any greater State
4 authority to charge the contractors than exists under provisions of
5 this contract other than this article.

6
7 **23. Article 52 is added to read:**

8 **52. KERN WATER BANK**

9 (a) The State shall convey to the Kern County Water Agency
10 (KCWA) in accordance with the terms set forth in the agreement
11 between the State of California Department of Water Resources and
12 Kern County Water Agency entitled "Agreement for the Exchange of the
13 Kern Fan Element of the Kern Water Bank" (the Kern Water Bank
14 Contract), the real and personal property described therein.

15 (b) Subject to the approval of KCWA, other contractors may
16 be provided access to and use of the property conveyed to KCWA by
17 the Kern Water Bank Contract for water storage and recovery. Fifty
18 percent (50%) of any project water remaining in storage on December
19 31, 1995, from the 1990 Berrenda Mesa Demonstration Program and the
20 La Hacienda Water Purchase Program shall be transferred to KCWA
21 pursuant to the Kern Water Bank Contract. The remaining fifty
22 percent (50%) of any such water (approximately 42,828.5 acre-feet)
23 shall remain as project water and the State's recovery of such
24 project water shall be pursuant to the provisions of a separate
25 recovery contract. Any other Kern Water Bank demonstration program
26 water shall remain as project water and the State's recovery of such
27 water shall be pursuant to the provisions of the respective
28 contracts for implementation of such demonstration programs.

1 24. Article 53 is added to read:

2 53. PERMANENT TRANSFERS AND REDUCTIONS OF ENTITLEMENT

3 (a) Article 41 provides that no assignment or transfer of
4 a contract or any part thereof, rights thereunder or interest
5 therein by a contractor shall be valid unless and until it is
6 approved by the State and made subject to such reasonable terms and
7 conditions as the State may impose. In accordance with State policy
8 to assist water transfers, the State and the County of Kings, Dudley
9 Ridge Water District (DRWD), Empire West Side Irrigation District,
10 Kern County Water Agency (KCWA), Oak Flat Water District and Tulare
11 Lake Basin Water Storage District (for the purposes of this article
12 the "Agricultural Contractors") shall, subject to the conditions set
13 forth in this article, expeditiously execute any necessary documents
14 and approve all contracts between willing buyers and willing sellers
15 until permanent transfers totaling 130,000 acre-feet of annual
16 entitlements of the Agricultural Contractors and, to the extent
17 provided in such contracts, rights in project transportation
18 facilities related to such annual entitlement have been made to
19 other contractors (the "Urban Contractors") or noncontractors in
20 accordance with the provisions of this article. Such approval
21 requirement shall apply to all contracts executed prior to January
22 1, 2011. KCWA shall be responsible for approval of such transfers
23 for any portion of the 130,000 acre-feet not previously made
24 available under this article by the other Agricultural Contractors.
25 A contract between a willing buyer and a willing seller shall mean
26 a contract between (1) a buyer which is an Urban Contractor or, to
27 the extent provided in subdivision (e) of this article, a
28 noncontractor and (2) a seller which is an Agricultural Contractor

1 or a public entity which obtains project water from an Agricultural
2 Contractor.

3 (b) The State shall not be obligated to approve any transfer
4 of annual entitlements if in its judgment the transfer would impair
5 the security of the State's bondholders and the State may impose
6 conditions on any transfer as necessary to make the delivery of the
7 water operationally feasible and to assure that the transportation
8 costs associated with the transferred entitlement are fully repaid.
9 Transfers not approved by the State shall not be considered as part
10 of the 130,000 acre-feet of annual entitlements provided for in this
11 article.

12 (c) KCWA member units shall have 90 days to exercise a right
13 of first refusal to purchase any annual entitlements being offered
14 for sale to Urban Contractors by another KCWA member unit pursuant
15 to this article, other than those annual entitlements made available
16 to Urban Contractors by subdivision (d) of this article, by agreeing
17 to pay the same price offered by the buyer. Any such sales to KCWA
18 member units exercising such right of first refusal shall not be
19 considered a part of the 130,000 acre-feet of annual entitlements
20 provided for in this article.

21 (d) Any permanent transfers of annual entitlements by
22 Agricultural Contractors to noncontractors, including transfers to
23 KCWA urban member units or to KCWA's Improvement District Number 4,
24 other than transfers pursuant to subdivision (c) of this article,
25 will be considered a part of the 130,000 acre-feet of annual
26 entitlements provided for in this article if the Urban Contractors
27 have been given a right of first refusal to purchase such annual
28

1 entitlements as well as transportation rights in accordance with the
2 following terms and procedure:

3 (1) The Agricultural Contractor shall provide the State a
4 copy of a bona fide contract or Proposed Contract (the "Proposed
5 Contract") and the State shall, within five working days of receipt,
6 provide copies of such Proposed Contract to all Urban Contractors
7 together with a Notice of Proposed Contract stating the date on or
8 before which a Notice of Intent to Exercise a Right of First Refusal
9 (NOI) must be delivered to both the State and the seller, which date
10 shall be 90 days from the date the State mails the Notice of
11 Proposed Contract.

12 (2) The Proposed Contract shall provide for the transfer of
13 rights in project transportation facilities sufficient to deliver
14 to the seller's service area in any one month eleven percent (11%)
15 of the annual entitlement being transferred or such greater amount
16 as the seller determines to sell; *Provided*, however, that sellers
17 shall not be obligated to sell any transportation rights in the
18 Coastal Aqueduct.

19 (3) To exercise the right of first refusal, an Urban
20 Contractor shall deliver to the State and the seller its NOI within
21 the time period stated in the Notice of Proposed Contract and shall
22 proceed in good faith to try to complete the transfer to the Urban
23 Contractor. If two or more Urban Contractors deliver NOI's to the
24 State, the amount of annual entitlement and transportation rights
25 being sold shall be allocated among those Urban Contractors that are
26 prepared to perform the purchase by the Performance Date provided
27 for herein in proportion to their maximum annual entitlements, or
28 in another manner acceptable to the Urban Contractors delivering the

1 NOIs. An offer by an Urban Contractor in its NOI to purchase less
2 than the entire annual entitlement and transportation right being
3 transferred shall not be deemed to be an effective exercise of the
4 right of first refusal unless other Urban Contractors submit NOIs
5 to purchase the remainder of the annual entitlement and
6 transportation right or the noncontractor buyer agrees to purchase
7 the remainder at the same unit price and on the same terms and
8 conditions provided for in the Proposed Contract. The Performance
9 Date shall be the date upon which the Urban Contractor is prepared
10 to perform the purchase, which date shall be the later of: (1) 180
11 days after the delivery of the NOI or (2) the date set forth in the
12 Proposed Contract for the noncontractor buyer to perform the
13 purchase.

14 The Performance Date shall be extended at the request of the
15 Urban Contractor if a temporary restraining order or preliminary
16 injunction is in effect as a result of a lawsuit challenging the
17 execution of the contract on the basis of noncompliance with the
18 California Environmental Quality Act. Such extensions shall
19 continue until five days after the temporary restraining order or
20 injunction expires or until the Urban Contractor requests it be
21 discontinued, whichever occurs first. The Urban Contractor shall
22 be liable for any damages suffered by the seller as a result of such
23 extensions of the Performance Date.

24 (4) If the seller and the noncontractor buyer under the
25 Proposed Contract make any substantive changes in the Proposed
26 Contract, such changes shall constitute a new Proposed Contract that
27 cannot be performed without compliance with all of the procedures
28 set forth in this article.

1 (5) If an Urban Contractor issuing a NOI fails to complete
2 its exercise of the Right of First Refusal by the Performance Date,
3 the seller shall be free to sell its entitlement in substantial
4 conformance with the terms and conditions set forth in the Proposed
5 Contract . An Urban Contractor issuing a NOI may assign its rights
6 to exercise a right of first refusal to another Urban Contractor and
7 the assignee shall have the same rights as the assignor to complete
8 the purchase by the Performance Date.

9 (6) In exercising the Right of First Refusal, an Urban
10 Contractor, at its option, may either agree to perform the Proposed
11 Contract in its entirety, including all of its terms and conditions,
12 or agree to pay the price offered under the Proposed Contract for
13 the annual entitlement and transportation rights without condition
14 and without being entitled to enforce or being subject to any other
15 provisions of the Proposed Contract.

16 (e) As used in this article, "price" shall mean the dollar
17 amount of consideration provided for in the Proposed Contract.

18 (f) Upon the effective date of any such transfer, the seller
19 shall be relieved of and the buyer shall become liable to the State
20 for all prospective Delta Water Charges, the related Transportation
21 Charges and any other charges for the annual entitlements and
22 associated transportation rights transferred unless the seller and
23 buyer provide otherwise in the contract for the transfer and the
24 State approves such other provisions. However, the contractor
25 making the sale shall remain obligated to the State to make the
26 payments if the buyer defaults on its payments to the State related
27 to the water transferred and is not a party to a long term water
28 supply contract of the type contained in Department of Water

1 Resources Bulletin Number 141. If the contractor making the sale
2 is required to make any payments to the State as a result of the
3 buyer's default, the entitlement transferred to the defaulting buyer
4 shall, if provided for in the Proposed Contract, revert back to the
5 contractor making the sale. The buyer may also be liable for any
6 charges imposed pursuant to subdivision (g) of this article.

7 (g) A contractor which is a buyer of annual entitlement
8 pursuant to this article may receive deliveries using any portion
9 of the capacity previously provided by the State in each reach of
10 the project transportation facilities for such contractor that is
11 necessary for transporting the entitlement purchased by it on the
12 same basis as any other entitlement provided for in its Table A in
13 effect prior to the date of the Monterey Amendment. Such contractor
14 may also use any transportation rights transferred to it by a seller
15 in the same manner as the seller was entitled to use them and any
16 unused capacity in any of the reaches specified in this paragraph
17 so long as project operations and/or priority of service of water
18 to other contractors participating in repayment of capital costs in
19 such reaches is not adversely affected. The State shall not be
20 responsible for any resulting adverse impacts upon its ability to
21 provide such contractor peaking capacity. The capital cost and
22 minimum, operation, maintenance, power and replacement components
23 of the Transportation Charge allocated to a buying contractor
24 needing transportation capacity in excess of the capacity factors
25 on which its charges are based in any reach shall be determined
26 prospectively based upon the increase in the buying contractor's
27 annual entitlement resulting from the purchase, and service of water
28 to fulfill annual entitlement to other contractors shall not be

1 impaired. The capital cost and minimum operation, maintenance,
2 power and replacement components of the Transportation Charges shall
3 then be reallocated among the other entities participating in
4 repayment of costs of that reach. For the purposes of this
5 determination, all payments received by the State from the seller
6 relating to the annual entitlement sold shall be deemed to have been
7 received from the buying contractor. Any increased Transportation
8 minimum operation, maintenance, power and replacement component
9 charges allocated to the buying contractor pursuant to this
10 subdivision (g) shall begin January 1 of the year following the
11 effective date of the transfer.

12 (h) Individual contractors may transfer entitlements among
13 themselves in amounts in addition to those otherwise provided for
14 in this article. The State shall expeditiously execute any
15 necessary documents and approve all contracts involving permanent
16 sales of entitlements among contractors, including permanent sales
17 among Urban Contractors. Such sales shall be subject to the
18 provisions of subdivisions (b), (f) and (g) of this article;
19 *Provided*, however, that for a buying contractor needing
20 transportation capacity in excess of the capacity factors on which
21 its charges are based in any reach, reallocation of the
22 Transportation capital cost component charges for transfers other
23 than (i) the 130,000 acre-feet provided for in this article and (ii)
24 the approximate 33,000 acre-feet of transfers proposed from
25 contractors located in Santa Barbara or San Luis Obispo counties,
26 shall be determined both prospectively and retroactively.

27 (i) On January 1 following the year in which such Monterey
28 Amendments take effect and continuing every year thereafter until

1 the end of the project repayment period: (i) Kern County Water
2 Agency's (KCWA) annual entitlement for agricultural use as currently
3 designated in Table A-1 of its contract shall be decreased by 40,670
4 acre-feet; (ii) Dudley Ridge Water District's (DRWD) annual
5 entitlement as currently designated in Table A of its contract shall
6 be decreased by 4,330 acre-feet; and (iii) the State's prospective
7 charges (including any adjustments for past costs) for the 45,000
8 acre-feet of annual entitlements to be relinquished by KCWA and DRWD
9 thereafter shall be deemed to be costs of project conservation
10 facilities and included in the Delta Water Charge for all
11 contractors in accordance with the provisions of Article 22. If by
12 November 20, 1995 and each October 1 thereafter until the Monterey
13 Amendments of both KCWA and DRWD take effect, KCWA and DRWD at their
14 option notify the State in writing that they will relinquish up to
15 their shares of 45,000 acre-feet of annual entitlements for the
16 following calendar year beginning before the Monterey Amendments
17 take effect, the State, when and if the Monterey Amendments take
18 effect, shall adjust the charges retroactively for the acre-feet
19 relinquished by KCWA and DRWD to January 1 of each year for which
20 water was relinquished. The delivery points for the 45,000
21 acre-feet of annual entitlement to be relinquished shall be
22 identified for the State by KCWA and DRWD to enable the State to
23 calculate the transportation costs for the 45,000 acre-feet to be
24 included in the Delta Water Charge.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

25. Article 54 is added to read:

54. Usage of Lakes Castaic and Perris

(a) The State shall permit the contractors participating in repayment of the capital costs of Castaic Lake (Reach 30) and Lake Perris (Reach 28J) to withdraw water from their respective service connections in amounts in excess of deliveries approved pursuant to other provisions of the state water contracts. Each such contractor shall be permitted to withdraw up to a Maximum Allocation from the reach in which it is participating. The contractors participating in repayment of Castaic Lake may withdraw a collective Maximum Allocation up to 160,000 acre-feet pursuant to this article, which shall be apportioned among them pursuant to the respective proportionate use factors from the Department of Water Resources' Bulletin 132-94, Table B-1 upon which capital cost repayment obligations are based, as follows:

Castaic Lake

Participating Contractor	Proportionate Use Factor	Maximum Allocation (Acre Feet)
The Metropolitan Water District of Southern California	0.96212388	153,940
Ventura County Flood Control and Water Conservation District	0.00860328	1,376
Castaic Lake Water Agency	0.02927284	4,684
Total	1.00000000	160,000

1 The Metropolitan Water District of Southern California, as
2 the only contractor participating in repayment of Lake Perris,
3 shall be allocated a Maximum Allocation at Lake Perris of 65,000
4 acre-feet based upon a proportionate use factor of 1.00000000.

5 The Maximum Allocation totals of 160,000 acre-feet and
6 65,000 acre-feet shall not be subject to adjustment. The
7 individual contractor's Maximum Allocations shall be adjusted
8 only as agreed to among the contractors desiring to adjust their
9 Maximum Allocations. Adjustments between the contractors shall
10 be subject to approval of the State which approval shall be given
11 unless there are adverse impacts upon another contractor
12 participating in the reach which are unacceptable to such
13 contractor. The participating contractors will, in consultation
14 with the State, cooperate with each other in an effort to promote
15 efficient utilization of Castaic Lake, and to minimize any
16 adverse impacts to each other, through coordination of deliveries
17 pursuant to other provisions of the State Water Contract as well
18 as withdrawals of allocations pursuant to this article.

19 (b) The State shall operate Castaic and Perris Reservoirs
20 as transportation facilities in a manner consistent with this
21 article. A contractor desiring to withdraw a portion or all of
22 its Maximum Allocation shall furnish the State with a proposed
23 delivery schedule. The proposed schedule may be submitted as
24 part of the preliminary water delivery schedule submitted
25 pursuant to Article 12(a)(1). Upon receipt of a schedule the
26 State shall promptly review it to ensure that the amounts, times
27 and rates of delivery will be consistent with the State's ability
28 to operate the reach. The contractor may modify its proposed

1 delivery schedule at any time, and the modified schedule shall be
2 subject to review in the same manner. If necessary, the State
3 may modify the schedule after consultation with the contractor
4 and other contractors participating in repayment of that reach
5 but may not change the total quantity of water to be withdrawn.
6 As part of the consultation, the State shall advise a contractor
7 if it determines a withdrawal will adversely impact the rate of
8 delivery provided for the contractor in this contract. The State
9 shall not be responsible for any such impacts.

10 (c) A contractor may withdraw all or a portion of its
11 Maximum Allocation. It shall restore any withdrawn portion of
12 such allocation by furnishing an equivalent amount of replacement
13 water to the reservoir from which the water was withdrawn within
14 five years from the year in which the withdrawal takes place. The
15 unused portion of the allocation, in addition to any replacement
16 water furnished to the reservoir, shall remain available for
17 subsequent withdrawal. The State shall keep an accounting of the
18 contractor's storage withdrawals and replacements. In any year,
19 the State shall permit a contractor to withdraw an amount
20 equivalent to the contractor's Maximum Allocation minus remaining
21 replacement water requirements due to previous withdrawals. If
22 the contractor fails to schedule and replace the withdrawn water
23 within the five-year return period, the State shall provide the
24 replacement water from water scheduled for delivery to the
25 contractor in the sixth year or as soon as possible thereafter.
26 The total amount of scheduled annual entitlement which a
27 contractor can use in any one year for restoring its Maximum
28 Allocation and storing water in surface storage facilities

1 outside of its service area pursuant to Article 56 shall be the
 2 sum of the maximum amount the contractor can add to storage that
 3 year pursuant to Article 56 and the amount of acre-feet shown in
 4 column 2 of the following table, depending on the State's final
 5 water supply allocation percentage as shown in column 1.

1. Final Water Supply Allocation Percentage	2. Maximum Acre-Feet of Scheduled Entitlement for Restoring Maximum Allocation*
50% or less	100,000
51%	98,000
52%	96,000
53%	94,000
54%	92,000
55%	90,000
56%	88,000
57%	86,000
58%	84,000
59%	82,000
60%	80,000
61%	78,000
62%	76,000
63%	74,000
64%	72,000
65%	70,000
66%	68,000
67%	66,000
68%	64,000
69%	62,000
70%	60,000
71%	58,000
72%	56,000
73%	54,000
74%	52,000
75 to 99%	50,000
100%	no limit

24 * Excludes the maximum amount that can be added to storage
 25 in a year pursuant to Article 56, which may be used in
 26 addition to the amounts in this table to restore Maximum
 27 Allocation.
 28

1 A contractor may use any of this total amount for
2 replacement water but cannot use any more than that provided for
3 in Article 56 to add to storage in project surface conservation
4 facilities and in nonproject surface storage facilities. There
5 shall be no limit under this article on the amount of scheduled
6 annual entitlement a contractor can use to restore its Maximum
7 Allocation in a year when its percentage of annual water supply
8 allocation is one-hundred percent (100%), nor shall there be any
9 limit under this article on the amount of interruptible water,
10 nonproject water or water obtained through an exchange which a
11 contractor can use to restore its Maximum Allocation.

12 (d) For any replacement water furnished to reservoir
13 storage pursuant to this article, the responsible contractor
14 shall pay the State charges for the conservation, if any, and
15 transportation of such replacement water as are associated with
16 the type of replacement water that is furnished, as if such water
17 were delivered to the turnout at the reservoir to which the
18 replacement water is furnished. Adjustments from estimated to
19 actual costs shall be subject to provisions applicable to the
20 type of replacement water. The State shall not charge
21 contractors for water withdrawn pursuant to this article.

22 (e) The State shall operate capacity in Castaic and Perris
23 Reservoirs, not required for purposes of Maximum Allocation
24 deliveries, in compliance with the requirement of Article 17(b)
25 of The Metropolitan Water District of Southern California's water
26 supply contract with the State to maintain an amount of water
27 reasonably sufficient to meet emergency requirements of the
28 contractors participating in repayment of that reach. A

1 contractor receiving water pursuant to this article accepts that
2 the State shall not be liable for any damage, direct or indirect,
3 arising from shortages in the amount of water to be made
4 available from that reservoir to meet the contractor's actual
5 emergency requirements as a result of prior storage withdrawals
6 by that contractor pursuant to this article. Nothing in this
7 article shall permit or require the State to adjust allocations
8 or deliveries under Article 18.

9 (f) To the extent a contractor, during a calendar year,
10 uses all or a portion of its Maximum Allocation, the State may,
11 to the extent necessary to service project purposes, reduce that
12 contractor's requested peaking service. Such reduction in
13 peaking service shall only occur to the extent such usage of
14 Maximum Allocation causes the State to be unable to provide all
15 peaking service requested. This paragraph shall not apply to the
16 extent the contractor requested usage of Maximum Allocation as
17 part of the preliminary water delivery schedule submitted
18 pursuant to Article 12(a)(1).

19 (g) The State may reduce water stored in Castaic Lake and
20 Lake Perris to the extent necessary for maintenance and to
21 respond to emergencies resulting from failure of project
22 transportation facilities or of other supply importation
23 facilities serving the State project service area. The State
24 shall promptly replace water within the Maximum Allocation as
25 soon as the need for the reduction terminates.

26
27
28

1 **26. Article 55 is added to read:**

2 **55. Transportation of Nonproject Water**

3 (a) Subject to the delivery priorities in Article 12(f),
4 contractors shall have the right to receive services from any of
5 the project transportation facilities to transport water procured
6 by them from nonproject sources for delivery to their service
7 areas and to interim storage outside their service areas for
8 later transport and delivery to their service areas: *Provided,*
9 that except to the extent such limitation in Section 12931 of the
10 Water Code be changed, a contractor shall not use the project
11 transportation facilities under this option to transport water
12 the right to which was secured by the contractor through eminent
13 domain unless such use be approved by the Legislature by
14 concurrent resolution with the majority of the members elected to
15 each house voting in favor thereof.

16 (b) For any nonproject water delivered pursuant to this
17 article, contractors shall pay the State the same (including
18 adjustments) for power resources (including on-aqueduct,
19 off-aqueduct, and any other power) incurred in the conservation
20 and transportation of such water as if such nonproject water were
21 entitlement water, as well as all incremental operation,
22 maintenance, and replacement costs, and any other incremental
23 costs, which may include an administrative or contract
24 preparation charge, all as determined by the State. Incremental
25 costs shall mean those nonpower costs which would not be incurred
26 if nonproject water were not scheduled for or delivered to
27 contractors. Only those contractors not participating in the
28 repayment of a reach shall be required to pay a use of facilities

1 charge for the delivery of nonproject water from or through that
2 reach. Costs for transporting water placed into interim storage
3 shall be paid in the same manner provided for in subdivision
4 (c) (6) of Article 56.

5 (c) The amounts, times and rates of delivery of nonproject
6 water shall be provided for pursuant to a water delivery schedule
7 to be issued in the same manner as provided for in Article 12.
8 The costs specified in this article shall be paid for at the same
9 time the corresponding project water costs are paid.

10
11 **27. Article 56 is added to read:**

12 **56. Use, Storage and Sale of Project Water Outside of**
13 **Service Area and Storage of Water in Project Surface**
Conservation Facilities

14 (a) **State Consent to Use of Project Water Outside of**
15 **Service Area**

16 Notwithstanding the provisions of Article 15(a), the State
17 hereby consents to the District storing project water outside its
18 service area for later use within its service area in accordance
19 with the provisions of subdivision (c) of this article and to the
20 District selling project water for use outside its service area
21 in accordance with the provisions of subdivision (d) of this
22 article.

23 (b) **Groundwater Storage Programs**

24 The District shall cooperate with other contractors in the
25 development and establishment of groundwater storage programs.

26 (c) **Storage of Project Water Outside of Service Area**

27 (1) A contractor may elect to store project water outside
28 its service area for later use within its service area, up to the

1 limits and in accordance with the provisions provided for in this
2 subdivision (c) and any applicable water right laws, by setting
3 forth on the preliminary water delivery schedule submitted to the
4 State on or before October 1 of each year pursuant to Article
5 12(a) the quantity of project water it wishes to store in the
6 next succeeding year. There shall be no limit on the amount of
7 project water a contractor can store outside its service area
8 during any year in a then existing and operational groundwater
9 storage program. The amount of project water a contractor can
10 add to storage in project surface conservation facilities and in
11 nonproject surface storage facilities located outside the
12 contractor's service area each year shall be limited to the
13 lesser of the percent of the contractor's Table A annual
14 entitlement shown in column 2 or the acre-feet shown in column 3
15 of the following table, depending on the State's final water
16 supply allocation percentage as shown in column 1. However,
17 there shall be no limit to storage in nonproject facilities in a
18 year in which the State's final water supply allocation
19 percentage is one hundred percent. These limits shall not apply
20 to water stored pursuant to Article 12(e).

21
22
23
24
25
26
27
28

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

1. Final Water Supply Allocation Percentage	2. Maximum Percent of District's Annual Entitlement That Can be Stored	3. Maximum Acre-Feet That Can be Stored
50% or less	25%	100,000
51%	26%	104,000
52%	27%	108,000
53%	28%	112,000
54%	29%	116,000
55%	30%	120,000
56%	31%	124,000
57%	32%	128,000
58%	33%	132,000
59%	34%	136,000
60%	35%	140,000
61%	36%	144,000
62%	37%	148,000
63%	38%	152,000
64%	39%	156,000
65%	40%	160,000
66%	41%	164,000
67%	42%	168,000
68%	43%	172,000
69%	44%	176,000
70%	45%	180,000
71%	46%	184,000
72%	47%	188,000
73%	48%	192,000
74%	49%	196,000
75% or more	50%	200,000

1 (2) Storage capacity in project surface conservation
2 facilities at any time in excess of that needed for project
3 operations shall be made available to requesting contractors for
4 storage of project and nonproject water. If such storage
5 requests exceed the available storage capacity, the available
6 capacity shall be allocated among contractors requesting storage
7 in proportion to their annual entitlements designated in their
8 Table A's for that year. A contractor may store water in excess
9 of its allocated share of capacity as long as capacity is
10 available for such storage.

11 (3) If the State determines that a reallocation of excess
12 storage capacity is needed as a result of project operations or
13 because of the exercise of a contractor's storage right, the
14 available capacity shall be reallocated among contractors
15 requesting storage in proportion to their annual entitlements
16 designated in their Table A's for that year. If such
17 reallocation results in the need to displace water from the
18 storage balance for any contractor or noncontractor, the water to
19 be displaced shall be displaced in the following order of
20 priority:

21 First, water, if any, stored for noncontractors.

22 Second, water stored for a contractor that previously was in
23 excess of that contractor's allocation of storage capacity.

24 Third, water stored for a contractor that previously was
25 within that contractor's allocated storage capacity.

26 The State shall give as much notice as feasible of a
27 potential displacement.

28

1 (4) Any contractor electing to store project water outside
2 its service area pursuant to this subdivision may not sell
3 project water during the year in which it elected to store
4 project water. This limitation shall not apply to replacement
5 water furnished to Castaic and Perris Reservoirs pursuant to
6 Article 54, nor to the storage of water introduced into a
7 groundwater basin outside a contractor's service area if recovery
8 is intended to occur within that contractor's service area.

9 (5) The restrictions on storage of project water outside a
10 contractor's service area provided for in this subdivision (c),
11 shall not apply to storage in any project offstream storage
12 facilities constructed south of the Delta after the date of this
13 amendment.

14 (6) For any project water stored outside its service area
15 pursuant to this subdivision (c), a contractor shall pay the
16 State the same (including adjustments) for power resources
17 (including on-aqueduct, off-aqueduct, and any other power)
18 incurred in the transportation of such water as the contractor
19 pays for the transportation of annual entitlement to the reach of
20 the project transportation facility from which the water is
21 delivered to storage. If annual entitlement is stored, the Delta
22 Water Charge shall be charged only in the year of delivery to
23 interim storage. For any stored water returned to a project
24 transportation facility for final delivery to its service area,
25 the contractor shall pay the State the same for power resources
26 (including on-aqueduct, off-aqueduct, and any other power)
27 incurred in the transportation of such water calculated from the
28

1 point of return to the aqueduct to the turn-out in the
2 contractor's service area. In addition, the contractor shall pay
3 all incremental operation, maintenance, and replacement costs,
4 and any other incremental costs, as determined by the State,
5 which shall not include any administrative or contract
6 preparation charge. Incremental costs shall mean those nonpower
7 costs which would not be incurred if such water were scheduled
8 for or delivered to the contractor's service area instead of to
9 interim storage outside the service area. Only those contractors
10 not participating in the repayment of a reach shall be required
11 to pay a use of facilities charge for use of a reach for the
12 delivery of water to, or return of water from, interim storage.

13 (7) A contractor electing to store project water in a
14 nonproject facility within the service area of another contractor
15 shall execute a contract with that other contractor prior to
16 storing such water which shall be in conformity with this article
17 and will include at least provisions concerning the point of
18 delivery and the time and method for transporting such water.

19 (d) **Sale of Project Water For Use Outside Service Area**

20 (1) If in any year a contractor has been allocated annual
21 entitlement that it will not use within its service area, the
22 contractor has not elected to store project water in accordance
23 with the provisions of subdivision (c) of this article during
24 that year, and the contractor has not elected to carry over
25 entitlement water from the prior year pursuant to the provisions
26 of Article 12(e), the contractor may sell such annual
27 entitlement for use outside its service area in accordance with
28 the following provisions.

1 (2) Each year the State shall establish an annual
2 entitlement water pool (the Pool) for contractors wishing to sell
3 or buy project water pursuant to the provisions of this
4 subdivision. Contractors willing to sell to or buy water from
5 the Pool shall notify the State in writing of their desire to do
6 so indicating the quantity to be sold or purchased. Contractors
7 shall have the first priority to purchase all water placed in the
8 Pool. The State may purchase any water remaining in the Pool not
9 purchased by contractors at the same price available to
10 contractors and use such water for the purpose of providing
11 additional carryover storage for contractors: *Provided*, that the
12 State shall consult with the contractors prior to making any such
13 purchases.

14 (3) Each year, the price per acre-foot to be paid by the
15 State to contractors selling water placed in the Pool on or
16 before February 15 that is purchased by a contractor requesting
17 such purchase by March 1 or by the State on March 1 shall be
18 equal to fifty percent (50%) of the Delta water rate as of that
19 date. The price per acre-foot to be paid to the State for the
20 purchase of water from the Pool by a contractor placing a request
21 for such purchase on or before March 1 shall be equal to fifty
22 percent (50%) of the Delta water rate as of that date. Any water
23 placed in the Pool on or before February 15 that is not purchased
24 by contractors or the State by March 1 may be withdrawn from the
25 Pool by the selling contractor.

1 (4) Each year the price per acre-foot to be paid by the
2 State to contractors selling water remaining in the Pool or
3 placed in the Pool after February 15, but on or before March 15
4 that is purchased by a contractor requesting such purchase by
5 April 1 or by the State on April 1 shall be equal to twenty-five
6 percent (25%) of the Delta water rate as of that date. The price
7 per acre-foot to be paid to the State for the purchase of water
8 from the Pool by a contractor placing a request for such purchase
9 between March 2 and April 1 shall be equal to twenty-five percent
10 (25%) of the Delta water rate as of the later date. Any water
11 placed in the Pool on or before March 15 that is not purchased by
12 a contractor or the State by April 1 may be withdrawn from the
13 Pool by the selling contractor.

14 (5) If there are more requests from contractors to purchase
15 water from the Pool than the amount in the Pool, the water in the
16 Pool shall be allocated among those contractors requesting such
17 water in proportion to their annual entitlements for that year up
18 to the amount of their requests. If requests to purchase water
19 from the Pool total less than the amount of water in the Pool,
20 the sale of Pool water shall be allocated among the contractors
21 selling such water in proportion to their respective amounts of
22 water in the Pool.

23 (6) Any water remaining in the Pool after April 1 that is
24 not withdrawn by the selling contractor shall be offered by the
25 State to contractors and noncontractors and sold to the highest
26 bidder: *Provided*, that if the highest bidder is a noncontractor,
27 all contractors shall be allowed fifteen days to exercise a right
28 of first refusal to purchase such water at the price offered by

1 the noncontractor. The price to be paid to the selling
2 contractor shall be the amount paid by the buyer exclusive of the
3 amount to be paid by the buyer to the State pursuant to
4 subdivision (d) (7) of this article.

5 (7) For any water delivered from the Pool to contractors,
6 the buyer shall pay the State the same for power resources
7 (including on-aqueduct, off-aqueduct, and any other power)
8 incurred in the transportation of such water as if such water
9 were entitlement water, as well as all incremental operation,
10 maintenance, and replacement costs, and any other incremental
11 costs, as determined by the State, which shall not include any
12 administrative or contract preparation charge. Incremental costs
13 shall mean those nonpower costs which would not be incurred if
14 such water were not scheduled for or delivered to the buyer.
15 Only those buyers not participating in the repayment of a reach
16 shall be required to pay any use of facilities charge for the
17 delivery of such water from or through the reach. Adjustments
18 from estimated to actual costs shall be computed by the State
19 pursuant to these provisions and shall be paid by the buyer or
20 credited to the buyer at the times and interest rates described
21 in Article 28(c).

22 (e) **Continuance of Article 12(e) Carry-over Provisions**

23 The provisions of this article are in addition to the
24 provisions of Article 12(e), and nothing in this article shall be
25 construed to modify or amend the provisions of Article 12(e).
26 Any contractor electing to sell project water during any year in
27 accordance with the provisions of subdivision (d) of this
28 article, shall not be precluded from using the provisions of

1 Article 12(e) for carrying over water from the last three months
2 of that year into the first three months of the succeeding year.

3 (f) **Bona Fide Exchanges Permitted**

4 Nothing in this article shall be deemed to prevent the
5 District from entering into bona fide exchanges of project water
6 for use outside the District's service area with other parties
7 for project water or nonproject water if the State consents to
8 the use of the project water outside the District's service area.

9 Also, nothing in this article shall be deemed to prevent the
10 District from continuing those exchange or sale arrangements
11 entered into prior to September 1, 1995, which had previously
12 received any required State approvals. A "bona fide exchange"
13 shall mean an exchange of water involving a contractor and
14 another party where the primary consideration for one party
15 furnishing water to another is the return of a substantially
16 similar amount of water, after giving due consideration to the
17 timing or other nonfinancial conditions of the return.

18 Reasonable payment for costs incurred in effectuating the
19 exchange and reasonable deductions from water delivered, based on
20 expected storage or transportation losses may be made. A "bona
21 fide exchange" shall not include a transfer of water from one
22 contractor to another party involving a significant payment
23 unrelated to costs incurred in effectuating the exchange. The
24 State, in consultation with the contractors, shall have authority
25 to determine whether transfers of water constitute "bona fide
26 exchanges" within the meaning of this paragraph and not disguised
27 sales.

28

1 (g) **Other Transfers**

2 Nothing in this article shall be deemed to modify or amend
3 the provisions of Article 15(a), or Article 41, except as
4 expressly provided for in subdivisions (c) and (d) of this
5 article.

6
7 **28.** All balances of wet weather and Article 12(d) water
8 otherwise available to any contractor executing the Monterey
9 Amendment shall be eliminated as of the effective date of such
10 amendment and no new balances for such water shall be
11 established.

12
13 **29. Effective Dates and Phase-in.**

14 (a) No Monterey Amendment to any contractor's water supply
15 contract shall take effect unless and until both of the following
16 have occurred (1) the Monterey Amendments to both the Kern County
17 Water Agency's and The Metropolitan Water District of Southern
18 California's contracts have been executed and no legal challenge
19 has been filed within sixty days of such execution or, if filed,
20 a final judgment of a court of competent jurisdiction has been
21 entered sustaining or validating said amendments; and (2) the
22 State has conveyed the property which constitutes the Kern Fan
23 Element of the Kern Water Bank to Kern County Water Agency
24 pursuant to the Kern Water Bank Contact provided for in Article
25 52 either on or before October 1, 1996 or, if the conveyance on
26 such date has been prevented by an interim court order, within
27 ninety days after such court order has become ineffective so long
28 as said ninety days expires not later than January 1, 2000. The

1 October 1, 1996 date and the January 1, 2000 date may be extended
2 by unanimous agreement of the State, Kern County Water Agency and
3 The Metropolitan Water District of Southern California.

4 (b) The State shall administer the water supply contracts
5 of any contractors that do not execute the Monterey Amendment so
6 that such contractors are not affected adversely or to the extent
7 feasible beneficially by the Monterey Amendments of other
8 contractors' water supply contracts.

9 (c) If a court of competent jurisdiction issues a final
10 judgment or order determining that any part of a contractor's
11 Monterey Amendment is invalid or unenforceable, all provisions of
12 that amendment shall be of no force or effect as to such
13 contractor, except as provided in subdivisions (e) and (f) of
14 this paragraph.

15 (d) If any part of the Monterey Amendment of the Kern
16 County Water Agency's or The Metropolitan Water District of
17 Southern California's contracts or if the conveyance of the Kern
18 Fan Element of the Kern Water Bank to the Kern County Water
19 Agency provided for in Article 52 is determined by a court of
20 competent jurisdiction in a final judgment or order to be invalid
21 or unenforceable, the Monterey Amendments of all contractors and
22 the Kern Water Bank Contract shall be of no force and effect
23 except as provided in subdivisions (e) and (f) of this paragraph.

24 (e) Notwithstanding subdivisions (c), (d) and (f) of this
25 paragraph, if any part of the Monterey Amendment of the Kern
26 County Water Agency's or The Metropolitan Water District of
27 Southern California's contract is determined by a court of
28 competent jurisdiction in a final judgment or order to be invalid

1 or unenforceable, and if Articles 52 and 53 (i) have been
2 implemented (i.e., the property which constitutes the Kern Fan
3 Element of the Kern Water Bank has been conveyed by the State and
4 the 45,000 acre-feet of annual entitlements have been
5 relinquished to the State), the implementation of the
6 relinquishment shall not be reversed unless the implementation of
7 the conveyance is also reversed, and conversely, implementation
8 of the conveyance shall not be reversed unless implementation of
9 the relinquishment is also reversed. Nothing in this subdivision
10 shall affect any party's right to seek additional damages,
11 compensation or any other remedy available at law or in equity.

12 (f) The total invalidity or unenforceability of one
13 contractor's Monterey Amendment as provided for in subdivision
14 (c) of this paragraph or of all contractor's Monterey Amendments
15 as provided for in subdivision (d) of this paragraph or of the
16 Kern Water Bank Contract as provided for in subdivision (d) of
17 this paragraph may be avoided only if such invalidity or
18 unenforceability is explicitly waived in writing signed by the
19 State, Kern County Water Agency and The Metropolitan Water
20
21
22
23
24
25
26
27
28

1 District of Southern California. In cases arising under
2 subdivision (c) or (d), the affected contractor whose Monterey
3 Amendment has been determined to be partially invalid or
4 unenforceable must first request the waiver.

5

6 IN WITNESS WHEREOF, the parties hereto have executed this
7 Amendment on the date first above written.

8

9 Approved as to legal form
and sufficiency

STATE OF CALIFORNIA
DEPARTMENT OF WATER
RESOURCES

10

11

12

Swan N. Weber
Chief Counsel
Department of Water Resources

[Signature]
Director

13

14

ATTEST:

SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT

15

16

17

Margaret C. Wright

[Signature]

18

19

20

21

22

23

24

25

26

27

28

**AMENDMENT NO. 16
WATER SUPPLY CONTRACT**

**STATE OF CALIFORNIA
THE RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES**

**AMENDMENT NUMBER 16
TO THE WATER SUPPLY CONTRACT BETWEEN
THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

THIS AMENDMENT to the Water Supply Contract, made this 27 day of March, 1997, pursuant to the provisions of the California Water Resources Development Bond Act, the State Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State," and San Bernardino Valley Municipal Water District, herein referred to as the "District;"

WHEREAS, the State and the District have entered into and subsequently amended the Water Supply Contract, herein referred to as the "Contract," providing that the State will supply certain quantities of water to the District, and providing that the District shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payments;

WHEREAS, the State, the District, and the San Gorgonio Pass Water Agency, herein referred to as the "Agency," desire to extend the State Water Project facility, Edmund G. Brown California Aqueduct, East Branch from Devil Canyon Powerplant through the District's service area to the Agency's service area near Little San Gorgonio Creek and South Noble Creek Spreading Grounds, herein referred to as the "East Branch Extension;"

**AMENDMENT NO. 16
WATER SUPPLY CONTRACT**

WHEREAS, the District has constructed and placed into operation conveyance and pumping facilities within its service area without State participation. Those facilities are as follows: Phase I and II Foothill Pipeline, Santa Ana River Crossing (SARC) Pipeline, Greenspot Pump Station, Morton Canyon Pipeline, Greenspot Pipelines (Phase I, II and III), and Yucaipa Pipeline;

WHEREAS, the Agency's capacity rights in the District's existing conveyance facilities are 32 cubic feet per second in the Foothill pipeline, 5 cubic feet per second in the Greenspot Pump Station, and 16 cubic feet per second in the remaining pipeline facilities;

WHEREAS, the Agency has also participated in other District facilities which are not part of this agreement;

WHEREAS, the Agency desires to assign its capacity use rights in the District's pipeline facilities to the State, provided certain conditions are met as provided herein;

WHEREAS, the District, Agency, and the State have completed a feasibility report, entered into contracts entitled "California Aqueduct East Branch Extension to San Gorgonio Pass Participation Agreement" on February 20, 1996 [Preliminary Design] and "California Aqueduct East Branch Extension to San Gorgonio Pass Participation Agreement" on August 20, 1996 [Final Design and Construction] and, as a result thereof, the parties desire the State to construct new conveyance and pumping facilities to complete the extension of the East Branch to the Agency's service area;

WHEREAS, such design and feasibility reports concluded that the facilities could be constructed at cost estimates as set out on Exhibits "B-1" and "B-2" of the Final Design and Construction agreement;

**AMENDMENT NO. 16
WATER SUPPLY CONTRACT**

WHEREAS, the District and the Agency desire to participate together in the new conveyance and pumping facilities of the East Branch Extension through the District's service area to Garden Air Creek, south of the San Bernardino-Riverside county line, and the Agency desires to participate in the new conveyance and pumping facilities of the East Branch Extension within its service area from Garden Air Creek, south of the San Bernardino-Riverside county line to the Little San Gorgonio Creek and South Noble Creek Spreading Grounds, as defined in the Final Design and Construction agreement;

WHEREAS, the State and the District desire to make certain changes and additions to the Contract, while otherwise continuing the Contract in full force and effect.

NOW THEREFORE, it is mutually agreed that the following changes and additions are hereby made to the Contract:

1. Article 1(hh) is amended to add the following items:
 9. (intentionally left blank)
 10. (intentionally left blank)
 11. The East Branch Extension Facilities
2. Article 24(b) is amended to change "Table B" to "Table B-1."
3. Article 24(i), is added to read:
 - i. Notwithstanding provisions of Article 24(a) through 24(d), capital costs associated with East Branch Extension Facilities as defined in Article 59(a) shall be collected under the East Branch Extension Transportation Charge [Article 59(b)].
4. Article 25(c) is amended to change "Table B" to "Table B-2."
5. Article 26(c) is amended to change "Table B" to "Table B-1" and "Table B-2."

6. Article 57 is intentionally left blank for future use.
7. Article 58 is intentionally left blank for future use.
8. Article 59 is added to read:

59. EAST BRANCH EXTENSION

a. East Branch Extension Facilities

"East Branch Extension Facilities" shall mean all SWP facilities on the Edmund G. Brown California Aqueduct, East Branch, beginning at the Devil Canyon Powerplant Afterbay and extending to the terminus at Noble Creek in the vicinity of Beaumont, Riverside County.

b. East Branch Extension Transportation Charge

The payments to be made by the District shall include an annual charge under the designation East Branch Extension Transportation Charge. The East Branch Extension Transportation Charge shall consist of a capital cost component. The capital cost component shall be sufficient to return to the State, an amount equal to all capital costs allocated to the District and any financing costs allocated to the District which the State incurs for the East Branch Extension Facilities.

1. Financing of Allocated Capital Costs by District

A. The District may elect to pay a portion or all of the capital costs of the East Branch Extension Facilities allocated to the District by furnishing funds to the State either in advance of the State incurring the capital costs, or in advance of the State issuing long-term revenue bonds to finance such capital costs. The District may

**AMENDMENT NO. 16
WATER SUPPLY CONTRACT**

elect in writing to use this option as to any portion of the East Branch Extension Facilities not yet financed through long-term revenue bonds issued by the State.

B. Unless otherwise agreed to by the District and the State, interest earned on any funds advanced pursuant to this paragraph shall be credited to reduce payments due from the District under this Contract. Interest earned shall be calculated at the State's Surplus Money Investment Fund rate. If and to the extent the District elects to advance funds prior to the issuance by the State of short-term revenue bonds (including commercial paper notes), subparagraph (b)(2) of this article shall not apply to any portion of such funds advanced prior to the issuance by the State of short-term revenue bonds. If and to the extent the District elects to advance funds after the issuance by the State of short-term revenue bonds but before the issuance by the State of long-term revenue bonds, such advances for capital costs financed by the State with short-term revenue bonds shall include allocable financing costs for short-term revenue bonds including, but not limited to, allocable marketing expenses, line of credit fees, and interest charges calculated at the weighted average melded rate for the short-term revenue bonds.

2. State Revenue Bond Financing Costs

If the District does not advance all of the allocated capital costs of the East Branch Extension Facilities and the State issues revenue bonds or other debt instruments to finance all or a portion of such capital costs, the portion of allocated capital costs not advanced pursuant to subparagraph 1 shall be recovered from the District through a revenue bond charge each year that shall return to the State an amount equal to the

**AMENDMENT NO. 16
WATER SUPPLY CONTRACT**

District's allocated portion of the annual financing costs the State incurs in that year (or any prior year to the extent not previously recovered) for that portion of the East Branch Extension Facilities constructed in whole or in part with funds from revenue bonds. Annual financing costs shall include, but not be limited to, the following items to the extent not provided for from revenue bond proceeds: bond marketing expenses, premiums for bond insurance or other credit enhancement, annual revenue bond principal and interest, and any additional requirements for bond debt service coverage and deposits to reserves. The State shall provide credits to the District for excess reserve funds, excess debt service coverage, interest, and other earnings of the State in connection with repayment of such revenue bond financing costs, when and as permitted by the bond resolution. When such credits are determined by the State to be available, such credits shall be provided to the District. Reserves, bond debt service coverage, interest, and other earnings may be used in the last year to retire the bonds.

3. State Non-Revenue Bond Financing Costs

The State may use any of its available funds other than revenue bonds to finance all or a portion of the capital costs of the East Branch Extension Facilities. Until revenue bonds or other debt instruments are issued by the State, the District shall pay interest at the State's Surplus Money Investment Fund rate on whatever funds are used for temporary financing.

**4. East Branch Extension Minimum Operation, Maintenance, Power, and
Replacement Costs**

**AMENDMENT NO. 16
WATER SUPPLY CONTRACT**

The District shall pay the minimum operation, maintenance, power, and replacement costs for the East Branch Extension Facilities as calculated and allocated according to Article 25. There shall be no separate minimum operation, maintenance, power, and replacement component of the East Branch Extension Transportation Charge.

5. East Branch Extension Variable Operation, Maintenance, Power, and Replacement Costs

The District shall pay the variable operation, maintenance, power, and replacement costs associated with deliveries of water through the East Branch Extension Facilities as calculated and allocated according to Article 26. There shall be no separate variable operation, maintenance, power, and replacement component of the East Branch Extension Transportation Charge.

9. "Table B" is replaced by Tables B-1 and B-2 as follows:

**TABLE B-1
PROPORTION OF CAPITAL COSTS OF PROJECT TRANSPORTATION FACILITIES
ALLOCATED TO
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

AQUEDUCT REACH (Described in Tables H and I)	TOTAL FOR PROJECT TRANSPORTATION FACILITIES			DISTRICT PARTICIPATION				
	Total of Maximum Annual Entitlements of all Contractors Thousands of Acre/Feet per Year 1/2/4/	Total of Maximum Capacities in Cubic-Feet per Second 1/2/4/	Total Capital Cost Thousands of Dollars 2/	Maximum Annual Entitlement Thousands of Acre/Feet per Year 1/	Maximum Annual Entitlement to Total of Maximum Annual Entitlement	Medium Capacity in Cubic-Feet Per Second 1/	Ratio Maximum Capacity to Total Capacity	Average of Ratios
CALIFORNIA AQUEDUCT								
DELTA THRU BETHANY RESERVOIR 3/	4,348.2020	8,424.64006		109.9462	0.02529441	185.02810	0.02196273	0.02362857
BETHANY RESERVOIR TO ORESTIMBA CREEK 3/	4,132.8950	8,123.69030		109.9708	0.02660861	185.00407	0.02277340	0.02469101
ORESTIMBA CREEK TO O'NEILL FOREBAY 3/	4,105.8390	8,071.53349		109.4023	0.02664554	184.06869	0.02280467	0.02472511
O'NEILL FOREBAY TO DOS AMIGOS PUMPING PLANT 3/	4,099.0950	8,060.43333		109.2228	0.02664554	183.77292	0.02279939	0.02472246
DOS AMIGOS PUMPING PLANT TO PANOCHÉ CREEK	4,092.0250	8,048.79659		109.0342	0.02664554	183.48282	0.02279382	0.02471968
PANOCHÉ CREEK TO FIVE POINTS	4,083.2250	8,034.31239		108.7997	0.02664553	183.07885	0.02278687	0.02471620
FIVE POINTS TO ARROYO PASAJERO	4,069.9700	8,012.49557		108.4465	0.02664553	182.49551	0.02277636	0.02471095
ARROYO PASAJERO TO KETTLEMAN CITY	4,065.7350	8,005.52505		108.3337	0.02664554	182.30885	0.02277300	0.02470827
KETTLEMAN CITY THRU MILHAM AVENUE	4,060.4000	7,996.74400		108.1916	0.02664555	182.07596	0.02276876	0.02470716
MILHAM AVENUE THRU AVENAL GAP	3,992.2500	7,798.18913		108.1889	0.02709973	182.07152	0.02334792	0.02522383
AVENAL GAP THRU TWISSELMAN ROAD	3,685.1000	7,025.27859		107.9992	0.02930699	181.75928	0.02587218	0.02758959
TWISSELMAN ROAD THRU LOST HILLS	3,631.8000	6,874.48639		107.8058	0.02968548	181.44096	0.02639338	0.02803843
LOST HILLS TO 7TH STANDARD ROAD	3,356.8000	6,089.93416		107.6980	0.03203466	181.09894	0.02863540	0.03093503
7TH STANDARD ROAD THRU ELK HILLS ROAD	3,228.6000	5,686.69118		107.4731	0.03328783	180.89336	0.03180865	0.03254889
ELK HILLS ROAD THRU TUPMAN ROAD	3,217.8000	5,663.96589		107.2367	0.03332609	180.50426	0.03186888	0.03259749
TUPMAN ROAD TO BUENA VISTA PUMPING PLANT	3,006.3000	5,127.16198		107.1287	0.03563407	180.33231	0.03517018	0.03540212
BUENA VISTA PUMPING PLANT THRU SANTIAGO CREEK	2,888.2000	4,812.20177		106.9093	0.03701589	179.96538	0.03739772	0.03720681
SANTIAGO CREEK THRU OLD RIVER ROAD	2,845.3000	4,691.43017		106.7094	0.03750374	179.63636	0.03829032	0.03789703
OLD RIVER ROAD TO WHEELER RIDGE PUMPING PLANT	2,780.8000	4,504.07343		106.5689	0.03832239	179.40182	0.03983102	0.03907670
WHEELER RIDGE PUMPING PLANT TO WIND GAP PUMPING PLANT	2,744.7000	4,401.18232		106.4289	0.03877615	179.17468	0.04071058	0.03974336
WIND GAP PUMPING PLANT TO A.D. EDMONDSTON PUMPING PLANT	2,673.9000	4,191.01625		106.3979	0.03979128	179.12365	0.04273991	0.04126559
A.D. EDMONSTON PUMPING PLANT TO CARLEY V. PORTER TUNNEL	2,582.5000	3,839.33144		106.1870	0.04111791	178.77653	0.04538245	0.04325018
CARLEY V. TUNNEL TO JUNCTION, WEST BRANCH CALIFORNIA AQUEDUCT	2,577.5000	3,830.21500		106.1870	0.04119767	178.77653	0.04548772	0.04334270
JUNCTION, WEST BRANCH CALIFORNIA AQUEDUCT THRU COTTONWOOD CHUTES	1,020.3000	1,617.25983		106.1829	0.10407027	178.76978	0.11053869	0.10730448
COTTONWOOD CHUTES TO FAIRMONT	1,018.5000	1,615.94309		106.0996	0.10407023	178.63267	0.11054391	0.10730707
FAIRMONT THRU 70TH STREET WEST	948.1000	1,499.21389		105.7042	0.11172624	177.98187	0.11871680	0.11522152
70TH STREET WEST TO PALMDALE	895.4000	1,428.23031		105.3020	0.11760331	177.31988	0.12416366	0.12087843
PALMDALE TO LITTLE ROCK CREEK	874.9000	1,397.27500		104.9257	0.11992879	176.70051	0.12848080	0.12319479
LITTLE ROCK CREEK TO PEARBLOSSOM PUMPING PLANT	860.0000	1,375.87931		104.7098	0.12175558	176.34516	0.12815975	0.12495766
PEARBLOSSOM PUMPING PLANT TO WEST FORK MOJAVE RIVER	848.4000	1,359.77122		104.6246	0.12331990	176.20492	0.12958424	0.12645207
WEST FORK MOJAVE RIVER TO SILVERWOOD LAKE	728.3120	1,180.92002		103.3544	0.14190951	174.11426	0.14743950	0.14467451
CEDAR SPRINGS DAM AND SILVERWOOD LAKE 5/ 6/ 7/ SILVERWOOD LAKE TO SOUTH PORTAL, SAN BERNARDINO TUNNEL	715.0000	1,203.34297		102.6000	0.14349650	187.08932	0.15545802	0.14947726
SOUTH PORTAL, SAN BERNARDINO TUNNEL THRU DEVIL CANYON POWERPLANT	715.0000	1,203.34297		102.6000	0.14349650	187.06932	0.15645802	0.14947726
DEVIL CANYON POWERPLANT TO BARTON ROAD	296.0000	444.15910		13.7000	0.04628378	24.97904	0.05623895	0.06126137

EAST BRANCH EXTENSION PHASE I

DEVIL CANYON POWERPLANT AFTERBAY TO JUNCTION FOOTHILL PIPELINE NEAR CONE CAMP ROAD JUNCTION, FOOTHILL PIPELINE NEAR CONE CAMP ROAD TO CRAFTON HILLS PUMP STATION	Facilities owned by SBVMWD and shared by SGPWA. Costs will be allocated and charged pursuant to a three-party O&M agreement signed prior to completion of Phase I construction.							
CRAFTON HILLS PUMP STATION TO GARDEN AIR CREEK, SOUTH OF SAN BERNARDINO-RIVERSIDE COUNTY LINE	39.2380	72.00000		21.9380	0.55910087	40.0000	0.55555556	0.56732821

EAST BRANCH EXTENSION PHASE II

DEVIL CANYON POWERPLANT AFTERBAY TO JUNCTION FOOTHILL PIPELINE NEAR CONE CAMP ROAD JUNCTION, FOOTHILL PIPELINE NEAR CONE CAMP ROAD TO MENTONE PUMP STATION MENTONE PUMP STATION TO CRAFTON HILLS PUMP STATION	Facilities owned by SBVMWD and shared by SGPWA. Cost allocation to be determined at time of completion of Phase II.							
CRAFTON HILLS PUMP STATION TO GARDEN AIR CREEK SOUTH OF SAN BERNARDINO-RIVERSIDE COUNTY LINE	39.2380	88.00000		21.9380	0.55910087	40.0000	0.45454545	0.50682316

1/ As increased by an allowance to compensate for losses as provided in Article 24(b)(2).
2/ Based on maximum values after the end of the project development period.
3/ Costs allocated to water transportation.
4/ State capacity only.
5/ Reservoir capacity in thousands of acre-feet.
6/ Maximum Annual Entitlements represented as capacity in cubic-feet per second for conveyance through the reservoir, excluding reservoir losses.
7/ Average of Ratios is summation of ratio of Maximum Annual Entitlement and ratio for Maximum Capacity weighted by 0.11929152 and 0.8807048 respectively for Cedar Springs Dam and Silverwood Lake.

**TABLE B-3
PROPORTION OF MINIMUM COSTS OF PROJECT TRANSPORTATION FACILITIES
ALLOCATED TO
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

AQUEDUCT REACH (Described in Tables H and I)	TOTAL FOR PROJECT TRANSPORTATION FACILITIES			DISTRICT PARTICIPATION				
	Total of Maximum Annual Entitlements of all Contractors Thousands of Acre/Feet per Year 1/2/4/	Total of Maximum Capacities in Cubic-Feet per Second 1/2/4/	Minimum Annual Operating Cost Thousands of Dollars 2/	Maximum Annual Entitlement Thousands of Acre/Feet per Year 1/	Maximum Annual Entitlement to Total of Maximum Annual Entitlement	Maximum Capacity in Cubic-Feet Per Second 1/	Ratio Maximum Capacity to Total Capacity	Average of Ratios
CALIFORNIA AQUEDUCT								
DELTA THRU BETHANY RESERVOIR 3/	4,348.2020	8,424.64008		109.9852	0.02520441	185.02810	0.02196273	0.02362857
BETHANY RESERVOIR TO ORESTIMBA CREEK 3/	4,132.8950	8,123.89030		109.9706	0.02660861	186.00407	0.02277340	0.02469101
ORESTIMBA CREEK TO O NEILL FOREBAY 3/	4,105.8390	8,071.53349		109.4023	0.02664554	184.06889	0.02280467	0.02472511
O NEILL FOREBAY TO DOS AMIGOS PUMPING PLANT 3/	4,099.0650	8,080.43333		109.2226	0.02664554	183.77292	0.02279638	0.02472246
DOS AMIGOS PUMPING PLANT TO PANOCHÉ CREEK	4,092.0250	8,048.79659		109.0342	0.02664554	183.46282	0.02279382	0.02471968
PANOCHÉ CREEK TO FIVE POINTS	4,083.2250	8,034.31239		108.7997	0.02664553	183.07885	0.02279687	0.02471620
FIVE POINTS TO ARROYO PASAJERO	4,069.9700	8,012.49557		108.4465	0.02664553	182.49551	0.02277636	0.02471095
ARROYO PASAJERO TO KETTLEMAN CITY	4,065.7350	8,005.52505		108.3337	0.02664554	182.30985	0.02277300	0.02470927
KETTLEMAN CITY THRU MILHAM AVENUE	4,060.4000	8,184.74400		108.1916	0.02664555	182.07598	0.02224677	0.02444588
MILHAM AVENUE THRU AVENAL GAP	3,992.2500	7,986.18913		108.1889	0.02700973	182.07152	0.02279630	0.02494901
AVENAL GAP THRU TWISSELMAN ROAD	3,885.1000	7,213.27859		107.9992	0.02930699	181.75828	0.02519787	0.02725243
TWISSELMAN ROAD THRU LOST HILLS	3,831.8000	7,062.48639		107.8058	0.02968548	181.44098	0.02589080	0.02768814
LOST HILLS TO 7TH STANDARD ROAD	3,358.8000	6,257.93418		107.5980	0.03203466	181.09894	0.02893909	0.03049687
7TH STANDARD ROAD THRU ELK HILLS ROAD	3,228.8000	5,874.89118		107.4731	0.03328783	180.89336	0.03079198	0.03203991
ELK HILLS ROAD THRU TUPMAN ROAD	3,217.8000	5,851.96589		107.2367	0.03332609	180.50428	0.03064506	0.03206558
TUPMAN ROAD TO BUENA VISTA PUMPING PLANT	3,006.3000	5,315.16186		107.1267	0.03563407	180.32321	0.03392619	0.03479013
BUENA VISTA PUMPING PLANT THRU SANTIAGO CREEK	2,888.2000	5,000.20177		106.9093	0.03701589	179.96538	0.03599182	0.03650378
SANTIAGO CREEK THRU OLD RIVER ROAD	2,845.3000	4,879.43017		106.7094	0.03750374	179.83636	0.03681503	0.03715939
OLD RIVER ROAD TO WHEELER RIDGE PUMPING PLANT	2,780.8000	4,682.07343		106.5669	0.03832239	179.40182	0.03823508	0.03827874
WHEELER RIDGE PUMPING PLANT TO WIND GAP PUMPING PLANT	2,744.7000	4,589.18232		106.4289	0.03877615	179.17468	0.03904283	0.03890949
WIND GAP PUMPING PLANT TO A.D. EDMONDSTON PUMPING PLANT	2,673.9000	4,379.01525		106.3979	0.03979128	179.12365	0.04090500	0.04034814
A.D. EDMONSTON PUMPING PLANT TO CARLEY V. PORTER TUNNEL	2,582.5000	4,127.39144		106.1870	0.04111791	178.77653	0.04331528	0.04221860
CARLEY V. TUNNEL TO JUNCTION, WEST BRANCH CALIFORNIA AQUEDUCT	2,577.5000	4,118.21500		106.1870	0.04119767	178.77653	0.04341117	0.04230442
JUNCTION, WEST BRANCH CALIFORNIA AQUEDUCT THRU COTTONWOOD CHUTES	1,020.3000	1,617.25983		106.1829	0.10407027	178.78978	0.11053869	0.10730448
COTTONWOOD CHUTES TO FAIRMONT	1,019.5000	1,615.94309		106.0996	0.10407023	178.63267	0.11054391	0.10730707
FAIRMONT THRU 70TH STREET WEST	946.1000	1,499.21389		105.7042	0.11172624	177.98187	0.11871680	0.11522152
70TH STREET WEST TO PALMDALE	895.4000	1,428.23031		105.3020	0.11760331	177.31988	0.12415356	0.12087843
PALMDALE TO LITTLEROCK CREEK	874.9000	1,397.27500		104.9257	0.11992879	176.70051	0.12648080	0.12319479
LITTLEROCK CREEK TO PEARBLOSSOM PUMPING PLANT	860.0000	1,375.97931		104.7098	0.12175558	176.34516	0.128115975	0.12495768
PEARBLOSSOM PUMPING PLANT TO WEST FORK MOJAVE RIVER	848.4000	1,359.77122		104.6246	0.12331990	176.20492	0.12958424	0.12645207
WEST FORK MOJAVE RIVER TO SILVERWOOD LAKE	728.3120	1,180.92002		103.3644	0.14190951	174.11428	0.14743950	0.14487451
CEDAR SPRINGS DAM AND SILVERWOOD LAKE 5/ SILVERWOOD LAKE TO SOUTH PORTAL, SAN BERNARDINO TUNNEL	1,070.2975	1,872.64000		152.3481	0.14234184	17.01500	0.23423733	0.22243002
SOUTH PORTAL, SAN BERNARDINO TUNNEL THRU DEVIL CANYON POWERPLANT	715.0000	2,011.34297		102.6000	0.14349650	187.06932	0.09300717	0.11825184
DEVIL CANYON POWERPLANT TO BARTON ROAD	296.0000	444.15910		13.7000	0.04828378	24.97904	0.05623895	0.05126137

EAST BRANCH EXTENSION PHASE I

DEVIL CANYON POWERPLANT AFTERBAY TO JUNCTION FOOTHILL PIPELINE NEAR CONE CAMP ROAD JUNCTION, FOOTHILL PIPELINE NEAR CONE CAMP ROAD TO CRAFTON HILLS PUMP STATION	Facilities owned by SBVMWD and shared by SGPWA. Costs will be allocated and charged pursuant to a three-party O&M agreement signed prior to completion of Phase I construction.							
CRAFTON HILLS PUMP STATION TO GARDEN AIR CREEK, SOUTH OF SAN BERNARDINO-RIVERSIDE COUNTY LINE	39.2380	72.00000		21.9380	0.55910087	40.0000	0.55555566	0.55732821

EAST BRANCH EXTENSION PHASE II

DEVIL CANYON POWERPLANT AFTERBAY TO JUNCTION FOOTHILL PIPELINE NEAR CONE CAMP ROAD JUNCTION, FOOTHILL PIPELINE NEAR CONE CAMP ROAD TO MENTONE PUMP STATION MENTONE PUMP STATION TO CRAFTON HILLS PUMP STATION	Facilities owned by SBVMWD and shared by SGPWA. Cost allocation to be determined at time of completion of Phase II.							
CRAFTON HILLS PUMP STATION TO GARDEN AIR CREEK SOUTH OF SAN BERNARDINO-RIVERSIDE COUNTY LINE	39.2380	88.00000		21.9380	0.55910087	40.0000	0.45454546	0.50682316

1/ As increased by an allowance to compensate for losses as provided in Article 24(b)(2).
2/ Based on maximum values after the end of the project development period.
3/ Costs allocated to water transportation.
4/ State capacity only.
5/ Reservoir capacity in thousands of acre-feet.
6/ Maximum Annual Entitlements represented as capacity in cubic-feet per second for conveyance through the reservoir, excluding reservoir losses.
7/ Average of Ratios is summation of ratio of Maximum Annual Entitlement and ratio for Maximum Capacity weighted by 0.11929152 and 0.8807048 respectively for Cedar Springs Dam and Silverwood Lake.

10. Table H is added to read:

TABLE H

**PROJECT TRANSPORTATION FACILITIES
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

1. The California Aqueduct extending to a turnout at the Devil Canyon Powerplant Afterbay, to the extent such aqueduct is determined by the State to be required for water transportation.

2. An East Branch Extension Aqueduct, beginning on the East Branch Aqueduct at the Devil Canyon Powerplant Afterbay and extending to a turnout at Garden Air Creek, south of the San Bernardino-Riverside County Line.

11. Table I is added to read:

TABLE I
AQUEDUCT REACHES
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

<u>Aqueduct Reach</u>	<u>Major Features of Reach</u>
CALIFORNIA AQUEDUCT	
Delta Thru Bethany Reservoir	Clifton Court Forebay Intake Channel Fish Protective Facilities Delta Pumping Plant Bethany Dam and Reservoir Aqueduct
Bethany Reservoir to Orestimba Creek	Bethany Dam and Reservoir Aqueduct
Orestimba Creek to O'Neill Forebay	Orestimba Creek Siphon Aqueduct
O'Neill Forebay to Dos Amigos Pumping Plant	O'Neill Dam and Forebay Los Banos Reservoir Aqueduct
Dos Amigos Pumping Plant to Panoche Creek	Dos Amigos Pumping Plant Little Panoche Reservoir Aqueduct
Panoche Creek to Five Points	Aqueduct
Five Points to Arroyo Pasajero	Aqueduct
Arroyo Pasajero to Kettleman City	Aqueduct
Kettleman City Thru Milham Avenue	Aqueduct
Milham Avenue Thru Avenal Gap	Aqueduct

**AMENDMENT NO. 16
WATER SUPPLY CONTRACT**

<u>Aqueduct Reach</u>	<u>Major Features of Reach</u>
CALIFORNIA AQUEDUCT (Continued)	
Avenal Gap Thru Twisselman Road	Aqueduct
Twisselman Road Thru Lost Hills	Aqueduct
Lost Hills to 7th Standard Road	Aqueduct
7th Standard Road Thru Elk Hills Road	Aqueduct
Elk Hills Road Thru Tupman Road	Aqueduct
Tupman Road to Buena Vista Pumping Plant	Aqueduct
Buena Vista Pumping Plant Thru Santiago Creek	Buena Vista Pumping Plant Sandy Creek Siphon Sunset Railroad Siphon Santiago Siphon Aqueduct
Santiago Creek Thru Old River Road	Los Lobos Siphon San Emigdio Siphon Old River Road Siphon Pleitilo Siphon Aqueduct
Old River Road to Wheeler Ridge Pumping Plant	Aqueduct
Wheeler Ridge Pumping Plant to Wind Gap Pumping Plant	Wheeler Ridge Pumping Plant Aqueduct
Wind Gap Pumping Plant to A. D. Edmonston Pumping Plant	Wind Gap Pumping Plant Aqueduct

Aqueduct Reach

Major Features of Reach

CALIFORNIA AQUEDUCT (Continued)

A. D. Edmonston Pumping
Plant to Carley V. Porter
Tunnel

A. D. Edmonston Pumping Plant
Tunnels #1, 2, & 3
Siphon #1
Pastoria Siphon
Bear Trap Access Structure

Carley V. Porter Tunnel
Junction, West Branch,
California Aqueduct

Carley V. Porter Tunnel
Siphon #4
Tehachapi Afterbay

Junction, West Branch,
California Aqueduct Thru
Cottonwood Powerplant

Cottonwood Energy
Dissipator Chute
Aqueduct

Cottonwood Powerplant to
Fairmont

Aqueduct

Fairmont Thru 70th
Street West

Myrick Siphon
Willow Springs Siphon
Johnson Siphon
Aqueduct

70th Street West to
Palmdale

Ritter Siphon
Leona Siphon
Aqueduct

Palmdale to Littlerock
Creek

Soledad Siphon
Cheseboro Siphon
Littlerock Siphon
Aqueduct

Littlerock Creek to
Pearblossom Pumping
Plant

Aqueduct

Pearblossom Pumping
Plant to West Fork
Mojave River

Pearblossom Pumping Plant
Fort Tejon Siphon
Big Rock Siphon
Antelope Siphon
Aqueduct

**AMENDMENT NO. 16
WATER SUPPLY CONTRACT**

Aqueduct Reach

Major Features of Reach

CALIFORNIA AQUEDUCT (Continued)

West Fork Mojave River
To Silverwood Lake

Mojave Siphon

Cedar Springs Dam and
Silverwood Lake

Cedar Springs Dam
Silverwood Lake

Silverwood Lake to South
Portal, San Bernardino
Tunnel

San Bernardino Tunnel

South Portal, San
Bernardino Tunnel Thru
Devil Canyon Powerplant

Devil Canyon Powerplant

EAST BRANCH EXTENSION PHASE I

Devil Canyon Powerplant Afterbay
to Junction, Foothill Pipeline
near Cone Camp Road

Foothill Pipeline

Junction, Foothill Pipeline
near Cone Camp Road
to Crafton Hills Pump Station

Foothill Pipeline
SARC Pipeline
Greenspot Pump Station Annex
Morton Canyon Pipeline
Greenspot Pipelines

Crafton Hills Pump Station
to Garden Air Creek, south
of San Bernardino-Riverside
County Line

Crafton Hills Pump Station
Crafton Hills Pipeline
Bryant Pipeline

EAST BRANCH EXTENSION PHASE II

Devil Canyon Powerplant Afterbay
to Junction, Foothill Pipeline
near Cone Camp Road

Foothill Pipeline

Junction, Foothill Pipeline
near Cone Camp Road
to Mentone Pump Station

South leg of Mentone
Connector Pipeline
Mentone Reservoir

Aqueduct Reach

Major Features of Reach

EAST BRANCH EXTENSION PHASE II (Continued)

**Mentone Pump Station to
Crafton Hills Pump Station**

**Mentone Pump Station
East leg of Mentone
Connector Pipeline**

**Crafton Hills Pump Station to
Garden Air Creek, south of
San Bernardino-Riverside
County Line**

**Crafton Hills Pump Station
Crafton Hills Pipeline
Bryant Pipeline**

**AMENDMENT NO. 16
WATER SUPPLY CONTRACT**

IN WITNESS WHEREOF, the parties hereto execute this Contract amendment on the date first above written.

Approved as to legal form
and sufficiency:

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

Aidan T. Weber
Chief Counsel
Department of Water Resources

David N. Kennedy
David N. Kennedy
Director

Attest:

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT

Margaret C. Wright
Name

George C. Aguilar
Name

Secretary
Title

President
Title

State of California
The Resources Agency
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 17 TO THE WATER SUPPLY CONTRACT
BETWEEN
THE STATE OF CALIFORNIA
DEPARTMENT
OF WATER RESOURCES
AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

This Amendment is made this 28th day of May, 2003,
pursuant to the provisions of the California Water Resources Development Bond Act,
the Central Valley Project Act, and other applicable laws of the State of California,
between the State of California, acting by and through its Department of Water
Resources, hereinafter referred to as the "State," and San Bernardino Valley Municipal
Water District, hereinafter referred to as the "District."

RECITALS

- A. The State and the District entered into and subsequently amended a water supply contract (the "contract") providing that the State shall supply certain quantities of water to the District and providing that the District shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payments.
- B. On December 1, 1994, the State and representatives of certain State Water Project contractors executed a document entitled "Monterey Agreement – Statement of Principles – By The State Water Contractors And The State Of

California Department Of Water Resources For Potential Amendments To The State Water Supply Contracts” (the “Monterey Agreement”).

- C. The State, the Central Coast Water Authority (“CCWA”) and those contractors intending to be subject to the Monterey Agreement subsequently negotiated an amendment to their contracts to implement provisions of the Monterey Agreement, and such amendment was named the “Monterey Amendment.”
- D. In October 1995, an environmental impact report (“EIR”) for the Monterey Amendment was completed and certified by CCWA as the lead agency, and thereafter the District and the State executed the Monterey Amendment.
- E. The EIR certified by the CCWA was challenged by several parties (the “Plaintiffs”) in the Sacramento County Superior Court and thereafter in the Third District Court of Appeal, resulting in a decision in Planning and Conservation League, et al. v. Department of Water Resources, 83 Cal.App.4th 892 (2000), which case is hereinafter referred to as “PCL v. DWR.”
- F. In its decision, the Court of Appeal held that (i) the Department of Water Resources (“DWR”), not CCWA, had the statutory duty to serve as lead agency, (ii) the trial court erred by finding CCWA's EIR sufficient despite its failure to discuss implementation of Article 18, subdivision (b) of the State Water Project contracts, as a no-project alternative, (iii) said errors mandate preparation of a new EIR under the direction of DWR, and (iv) the trial court erroneously dismissed the challenge to DWR's transfer of title to certain lands to Kern County

Water Agency (the "Validation Cause of Action") and execution of amended State Water Project contracts for failure to name and serve indispensable parties. The Court of Appeal remanded the case to the trial court, ordering it to take the following five actions: (1) vacate the trial court's grant of the motion for summary adjudication of the Validation Cause of Action; (2) issue a writ of mandate vacating the certification of the EIR; (3) determine the amount of attorney fees to be awarded Plaintiffs; (4) consider such orders it deems appropriate under Public Resources Code Section 21168.9(a) consistent with the views expressed in the Appellate Court's opinion; and (5) retain jurisdiction over the action until DWR, as lead agency, certifies an environmental impact report in accordance with CEQA standards and procedures, and the Superior Court determines that such environmental impact report meets the substantive requirements of CEQA.

G. The State, the contractors, and the Plaintiffs in PCL v. DWR reached an agreement to settle PCL v. DWR, as documented by that certain Settlement Agreement dated , 2003 (the "Settlement Agreement"), and in such Settlement Agreement have agreed that the contracts should be amended, for clarification purposes, to delete terms such as "annual entitlement" and "maximum annual entitlement" so that the public, and particularly land use planning agencies, will better understand the contracts.

H. Pursuant to the Settlement Agreement, the State and the District desire to so amend the District's contract, with the understanding and intent that the amendments herein with respect to subsections (l), (m), and (n) of Article 1,

subsection (b) of Article 6, and subsection (a) of Article 16, and to Table A of the District's contract are solely for clarification purposes and that such amendments are not intended to and do not in any way change the rights, obligations or limitations on liability of the State or the District established by or set forth in the contract.

- I. Pursuant to the Settlement Agreement, the State, the contractors and the Plaintiffs in PCL v. DWR also agreed that the contracts should be amended to include a new Article 58 addressing the determination of dependable annual supply of State Water Project water to be made available by existing Project facilities, and the State and District desire to so amend the District's contract.

NOW THEREFORE, IT IS MUTUALLY AGREED, as follows:

1. Article 1(m) is amended to read:

(m) Annual Table A Amount

"Annual Table A Amount" shall mean the amount of project water set forth in Table A of this contract that the State, pursuant to the obligations of this contract and applicable law, makes available for delivery to the District at the delivery structures provided for the District. The term Annual Table A Amount shall not be interpreted to mean that in each year the State will be able to make that quantity of project water available to the District. The Annual Table A Amounts and the terms of this contract reflect an expectation that under certain conditions the District will receive its full Annual Table A Amount; but that under other

conditions only a lesser amount, allocated in accordance with this contract, may be made available to the District. This recognition that full Annual Table A Amounts will not be deliverable under all conditions does not change the obligations of the State under this contract, including but not limited to, the obligations to make all reasonable efforts to complete the project facilities, to perfect and protect water rights, and to allocate among contractors the supply available in any year, as set forth in Articles 6(b), 6(c), 16(b) and 18, in the manner and subject to the terms and conditions of those articles and this contract. Where the term "annual entitlement" appears elsewhere in this contract, it shall mean "Annual Table A Amount." The State agrees that in future amendments to this and other contractor's contracts, in lieu of the term "annual entitlement," the term "Annual Table A Amount" will be used and will have the same meaning as "annual entitlement" wherever that term is used.

2. Article 1(n) is amended to read:

(n) Maximum Annual Table A Amount

"Maximum annual entitlement" shall mean the maximum annual amounts set forth in Table A of this contract, and where the term "maximum annual entitlement" appears elsewhere in this contract it shall mean "Maximum Annual Table A Amounts."

3. Article 1(l) is amended to read:

(l) Minimum Project Yield

“Minimum project yield” shall mean the dependable annual supply of project water to be made available assuming completion of the initial project conservation facilities and additional project conservation facilities. The project’s capability of providing the minimum project yield shall be determined by the State on the basis of coordinated operations studies of initial project conservation facilities and additional project conservation facilities, which studies shall be based upon factors including but not limited to: (1) the estimated relative proportion of deliveries for agricultural use to deliveries for municipal use assuming Maximum Annual Table A Amounts for all contractors and the characteristic distributions of demands for these two uses throughout the year; and (2) agreements now in effect or as hereafter amended or supplemented between the State and the United States and others regarding the division of utilization of waters of the Delta or streams tributary thereto.

4. Article 6(b) is amended to read:

(b) District’s Annual Table A Amounts

Commencing with the year of initial water delivery to the District, the State each year shall make available for delivery to the District the amounts of project water

designated in Table A of this contract, which amounts shall be subject to change as provided for in Article 7(a) and are referred to in this contract as the District's Annual Table A Amounts.

5. Article 16(a) is amended to read:

(a) Limit on Total of all Maximum Annual Table A Amounts

The District's Maximum Annual Table A Amount hereunder, together with the maximum Table A amounts of all other contractors, shall aggregate no more than 4,185,000 acre-feet of project water.

6. Article 57 is intentionally left blank for future use.

7. Article 58 is added to read:

58. Determination of Dependable Annual Supply of Project Water to be Made Available by Existing Project Facilities.

In order to provide current information regarding the delivery capability of existing project conservation facilities, commencing in 2003 and every two years thereafter the State shall prepare and mail a report to all contractors, and all California city, county, and regional planning departments and agencies within the contractors' project service areas. This report will set forth, under a range of hydrologic conditions, estimates of overall delivery capability of the existing project facilities and of supply availability to each contractor in accordance with other provisions of the contractors' contracts. The range of hydrologic conditions shall include the delivery capability in the driest year of record, the average over

the historic extended dry cycle and the average over the long-term. The biennial report will also include, for each of the ten years immediately preceding the report, the total amount of project water delivered to all contractors and the amount of project water delivered to each contractor.

8. Add the following language at the bottom of Table A:

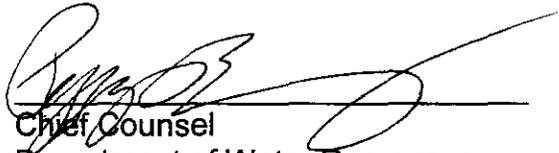
In any year, the amounts designated in this Table A shall not be interpreted to mean that the State is able to deliver those amounts in all years. Article 58 describes the State's process for providing current information for project delivery capability.

9. Except for Article 58, the changes made by this amendment are solely for clarification purposes, and are not intended to nor do they in any way change the rights, obligations or limitations on liability of the State or the District established by or set forth in the contract, and this amendment shall be interpreted in accordance with this intent.

10. At the time of execution of this Agreement and thereafter, the effectiveness of this Amendment is dependent upon the effectiveness of the District's Monterey Amendment (all provisions therein) and the Kern Fan Element Transaction.

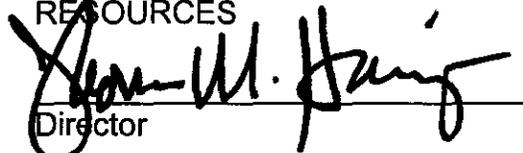
IN WITNESS WHEREOF, the parties hereto have executed this amendment on the
date first above written.

Approved as to legal form
and sufficiency:



Chief Counsel
Department of Water Resources

STATE OF CALIFORNIA
DEPARTMENT OF WATER
RESOURCES



Director

SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT



Name

President

Title

DEPARTMENT OF WATER RESOURCES

1416 NINTH STREET, P.O. BOX 942836
SACRAMENTO, CA 94236-0001
(916) 653-5791



MAY 10 2019

Mr. Douglas Headrick
General Manager
San Bernardino Valley Municipal
Water District
380 East Vanderbilt Way
San Bernardino, California 92408-3593

Dear Mr. Headrick:

Enclosed for your records is an executed original of Amendment No. 18 to the Water Supply Contract between the State of California Department of Water Resources and San Bernardino Valley Municipal Water District.

This Contract Extension Amendment extends the term of the contract to December 31, 2085 and makes changes to billing procedures and reserves.

If you have any questions or need additional information, please contact me at (916) 653-6271.

Sincerely,

A handwritten signature in blue ink, appearing to read "Ted Alvarez".

Ted Alvarez, Chief
State Water Project Support Branch
State Water Project Analysis Office

Enclosure

STATE OF CALIFORNIA
CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 18 (THE CONTRACT EXTENSION AMENDMENT)
TO WATER SUPPLY CONTRACT BETWEEN THE STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES AND SAN BERNARDINO VALLEY
MUNICIPAL WATER DISTRICT FOR CONTINUED SERVICE AND THE TERMS AND
CONDITIONS THEREOF

THIS AMENDMENT to the Water Supply Contract is made this 16th day
of April, 2019, pursuant to the provisions of the California Water
Resources Development Bond Act, the Central Valley Project Act, and other applicable
laws of the State of California, between the State of California, acting by and through its
Department of Water Resources, herein referred to as the "State," and San Bernardino
Valley Municipal Water District, herein referred to as the "District."

INDEX

INDEX OF TABLES..... 3

RECITALS..... 4

AMENDED CONTRACT TEXT 6

 1. DEFINITIONS..... 6

 2. TERM OF CONTRACT..... 17

 22. DELTA WATER CHARGE..... 18

 23. TRANSPORTATION CHARGE..... 33

 24. TRANSPORTATION CHARGE -- CAPITAL COMPONENTS..... 40

 25. TRANSPORTATION CHARGE -- MINIMUM OPERATION, MAINTENANCE, POWER, AND
 REPLACEMENT COMPONENT..... 50

 26. TRANSPORTATION CHARGE -- VARIABLE OPERATION, MAINTENANCE AND POWER
 COMPONENT..... 53

 27. TRANSPORTATION CHARGE -- REPAYMENT SCHEDULE. 55

 28. DELTA WATER CHARGE AND TRANSPORTATION CHARGE -- REDETERMINATION..... 56

 29. TIME AND METHOD OF PAYMENT OF DELTA WATER CHARGE AND TRANSPORTATION
 CHARGE..... 60

 50. WATER SYSTEM FACILITY REVENUE BOND FINANCING COSTS..... 63

 51. FINANCIAL ADJUSTMENTS..... 68

NEW CONTRACT ARTICLE 80

 61. FINANCIAL ACCOUNTS AND ACTIVITIES 80

NEW CONTRACT APPENDIX..... 86

 APPENDIX B 86

AMENDMENT IMPLEMENTING AND ADMINISTRATIVE PROVISIONS 88

INDEX OF TABLES

B - PROJECTED ALLOCATIONS TO DISTRICT OF PROJECT CONSERVATION FACILITY
CAPITAL COSTS INCURRED ON OR AFTER THE BILLING TRANSITION DATE24

C - PROJECTED CHARGES TO DISTRICT UNDER THE CAPITAL COMPONENT OF THE
DELTA WATER CHARGE FOR COSTS INCURRED ON OR AFTER THE BILLING
TRANSITION DATE26

D - DELTA WATER CHARGE -- ESTIMATED MINIMUM OPERATION, MAINTENANCE,
POWER AND REPLACEMENT COMPONENT FOR COSTS INCURRED ON OR AFTER
THE BILLING TRANSITION DATE27

E - DELTA WATER CHARGE -- ESTIMATED VARIABLE OPERATION, MAINTENANCE AND
POWER COMPONENT FOR COSTS INCURRED ON OR AFTER THE BILLING
TRANSITION DATE28

F - REPAYMENT SCHEDULE -- DELTA WATER CHARGE FOR COSTS INCURRED ON OR
AFTER THE BILLING TRANSITION DATE29

G - PROJECT TRANSPORTATION FACILITIES NECESSARY TO DELIVER WATER TO
DISTRICT35

H - PROJECTED ALLOCATIONS OF CAPITAL COSTS INCURRED PRIOR TO THE BILLING
TRANSITION DATE OF PROJECT TRANSPORTATION FACILITIES TO DISTRICT41

I - TRANSPORTATION CHARGE FOR COSTS INCURRED PRIOR TO THE BILLING
TRANSITION DATE -- CAPITAL COST COMPONENT42

J - PROJECTED ALLOCATIONS TO DISTRICT OF PROJECT TRANSPORTATION FACILITY
CAPITAL COSTS INCURRED ON OR AFTER THE BILLING TRANSITION DATE44

K - PROJECTED CHARGES UNDER THE CAPITAL COMPONENT OF THE
TRANSPORTATION CHARGE FOR COSTS INCURRED ON OR AFTER THE BILLING
TRANSITION DATE TO DISTRICT45

L - RELEVANT VALUES THAT SHALL SERVE AS THE BASIS FOR ALLOCATION OF ALL
TRANSPORTATION CHARGE COSTS47

M - TRANSPORTATION CHARGE -- MINIMUM OPERATION MAINTENANCE, POWER, AND
REPLACEMENT COMPONENT51

N - TRANSPORTATION CHARGE -- ESTIMATED VARIABLE OPERATION, MAINTENANCE,
AND POWER COMPONENT54

O - REPAYMENT SCHEDULE -- TRANSPORTATION CHARGE55

RECITALS

- A. The State and the District entered into and subsequently amended a water supply contract (the "contract"), dated December 30, 1960, providing that the State shall supply certain quantities of water to the District and providing that the District shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payments; and
- B. Article 2 of the contract provides that the contract shall remain in effect for the longest of the following: (1) the project repayment period, which, as defined in the contract, is to end on December 31, 2035; (2) 75 years from the original date of the contract; and (3) the period ending with the latest maturity date of any bond issue used to finance the construction costs of project facilities; and
- C. The longest of the above referenced periods in Article 2 would have ended in this contract on December 31, 2035; and
- D. Article 4 of the contract provides that the District, by written notice to the State at least six (6) months prior to the expiration of the term of the contract (as specified in Article 2), may elect to receive continued service under the contract under certain conditions specified therein and under other terms and conditions that are reasonable and mutually agreed upon by the State and the District; and
- E. The State, the District and representatives of certain other State Water Project Contractors have negotiated and executed a document (Execution Version dated June 18, 2014), the subject of which is "Agreement in Principle Concerning Extension of the State Water Project Water Supply Contracts" (the "Agreement in Principle"); and
- F. The Agreement in Principle describes the terms and conditions of the continued service upon which the State and the District mutually proposed to develop contractual amendments consistent with the Agreement In Principle; and
- G. The State, the District and those Contractors intending to be subject to the contract amendments contemplated by the Agreement in Principle subsequently prepared an amendment to their respective contracts to implement the provisions of the Agreement in Principle, and such amendment was named the "Amendment for Continued Service and the Terms and Conditions Thereof"; and

STATE WATER PROJECT WATER SUPPLY CONTRACT EXTENSION AMENDMENT
Execution Version

- H. The State and the District desire to implement continued service under the contract under the terms and conditions of this Amendment for Continued Service and the Terms and Conditions Thereof to the water supply contract; and
- I. The District's execution of this Amendment for Continued Service and the Terms and Conditions Thereof is the equivalent of the District's election under Article 4 to receive continued service under the contract under the conditions provided in Article 4, and the mutually agreed terms and conditions herein are the other reasonable and equitable terms and conditions of continued service referred to in Article 4.

NOW, THEREFORE, IT IS MUTUALLY AGREED that the following changes and additions are hereby made to the District's water supply contract with the State:

AMENDED CONTRACT TEXT

I. ARTICLES 1, 2, 22 THROUGH 29, 50 AND 51 ARE DELETED IN THEIR ENTIRETY AND REPLACED WITH THE FOLLOWING TEXT:

1. DEFINITIONS.

When used in this contract, the following terms shall have the meanings hereinafter set forth:

(a) **“Additional Project Conservation Facilities”** shall mean the following facilities and programs, which will serve the purpose of preventing any reduction in the Minimum Project Yield as hereinafter defined:

(1) Those Project Facilities specified in Section 12938 of the Water Code;

(2) Those facilities and programs described in (A), (B), (C), (D), and (E) below which, in the State's determination, are engineeringly feasible and capable of producing Project Water which is economically competitive with alternative new water supply sources, *provided* that in the State's determination, the construction and operation of such facilities and programs will not interfere with the requested deliveries of Annual Table A Amount to any Contractor other than the sponsoring Contractor, and will not result in any greater annual charges to any Contractor other than the sponsoring Contractor than would have occurred with the construction at the same time of alternative new water supply sources which are either reservoirs located north of the Delta or off-Aqueduct storage reservoirs located south or west of the Delta designed to supply water to the California Aqueduct.

The following facilities and programs shall hereinafter be referred to as “Local Projects”:

(A) On-stream and off-stream surface storage reservoirs not provided for in Section 12938 of the Water Code, that will produce Project Water for the System for a period of time agreed to by the sponsoring Contractor;

(B) Groundwater storage facilities that will produce Project Water for the System for a period of time agreed to by the sponsoring Contractor;

(C) Waste water reclamation facilities that will produce Project Water for the System for a period of time agreed to by the sponsoring Contractor;

(D) Water and facilities for delivering water purchased by the State for the System for a period of time agreed to by the sponsoring Contractor; *provided* that the economic test specified herein shall be applied to the cost of these facilities together with the cost of the purchased water; and

(E) Future water conservation programs and facilities that will reduce demands by the sponsoring Contractor for Project Water from the System for a period of time agreed to by the sponsoring Contractor and will thereby have the effect of increasing Project Water available in the Delta for distribution.

(3) Whether a Local Project described in (2) above shall be considered economically competitive shall be determined by the State by comparing, in an engineering and economic analysis, such Local Project with alternative new water supply sources which are either reservoirs located north of the Delta or off-Aqueduct storage reservoirs located south or west of the Delta designed to supply water to the California Aqueduct. The analysis for such alternative new water supply sources shall use the average cost per acre-foot of yield in the latest studies made for such sources by the State and shall compare those facilities with the proposed Local Project using commonly accepted engineering economics. In the case of a Local Project to be funded in part by the State as part of the System and in part from other sources, the economic analysis specified herein shall be applied only to the portion to be funded by the State as part of the System.

(4) The Local Projects in (2) above shall not be constructed or implemented unless or until:

(A) The sponsoring Contractor signs a written agreement with the State which:

(i) Contains the sponsoring Contractor's approval of such facility or program;

(ii) Specifies the yield and the period of time during which the water from the Local Project shall constitute Project Water; and

(iii) Specifies the disposition of such Local Project or of the yield from such Local Project upon the expiration of such period of time.

(B) All Contractors within whose boundaries any portion of such Local Project is located, and who are not sponsoring Contractors for such Local Project give their written approval of such Local Project.

(5) "Sponsoring Contractor" as used in this Article 1(a) shall mean the Contractor or Contractors who either will receive the yield from facilities described in 2(A), (B), (C), or (D) above, or agree to reduce demands for Project Water from the System pursuant to 2(E) above.

(6) In the event of a shortage in water supply within the meaning of Article 18(a), the determination of whether to count, in whole or in part, the yield from facilities described in 2(A), (B), (C), or (D) above, or the reduced demand from future conservation programs described in 2(E) above in the allocation of deficiencies among Contractors will be based on a project-by-project evaluation taking into consideration such factors as any limitation on the use of the water from such facilities and whether the sponsoring Contractor has access to Project Water from the Delta as an alternate to such facilities.

(b) "**Agricultural Use**" shall mean any use of water primarily in the production of plant crops or livestock for market, including any use incidental thereto for domestic or stock-watering purposes.

(c) "**Annual Table A Amount**" shall mean the amount of Project Water set forth in Table A of this Contract that the State, pursuant to the obligations of this contract and applicable law, makes available for delivery to the District at the delivery structures provided for the District. The term Annual Table A Amount shall not be interpreted to mean that in each year the State will be able to make that quantity of Project Water available to the District. The Annual Table A Amounts and the terms of this contract reflect an expectation that under certain conditions only a lesser amount, allocated in accordance with this contract, may be made available to the District. This recognition that full Annual Table A Amounts will not be deliverable under all conditions does not change the obligations of the State under this contract, including but not limited to, the obligations to make all reasonable efforts to complete the Project Facilities, to perfect and protect water rights, and to allocate among Contractors the supply available in any year, as set forth in Articles 6(b), 6(c), 16(b) and 18, in the manner and subject to the terms and conditions of those articles and this contract. Where the term "annual entitlement" appears elsewhere in this contract, it shall mean "Annual Table A Amount." The State agrees that in future amendments to this and other Contractor's contracts, in lieu of the term "annual entitlement," the term "Annual Table A

Amount” will be used and will have the same meaning as “annual entitlement” wherever that term is used.

(d) **“Area of Origin Statutes”** shall mean Sections 10505 and 11460 through 11463 of the Water Code as now existing or hereafter amended.

(e) **“Article 51(e) Amounts”** shall mean the annual amounts determined pursuant to Article 51(e)(1).

(f) **“Billing Transition Date”** shall mean January 1 of the first calendar year starting at least six (6) months after the Contract Extension Amendment Effective Date.

(g) **“Burns-Porter Bond Act”** shall mean the California Water Resources Development Bond Act, comprising Chapter 8, commencing at Section 12930, of Part 6 of Division 6 of the Water Code, as enacted in Chapter 1762 of the Statutes of 1959.

(h) **“Capital Costs”** shall mean all costs Incurred subsequent to authorization of a facility for construction by the Legislature or by administrative action pursuant to Section 11290 of the Water Code and to the Burns-Porter Bond Act, including those so Incurred prior to the beginning of the Project Repayment Period as herein defined and any accrued unpaid interest charges thereon at the rates specified herein, which are properly chargeable to the construction of and the furnishing of equipment for the facilities of the System, including the costs of surveys, engineering studies, exploratory work, designs, preparation of construction plans and specifications, acquisition of lands, easements and rights-of-way, and relocation work, all as shown upon the official records of the Department of Water Resources.

(i) **“Carry-over Table A Water”** shall mean water from a Contractor’s Annual Table A Amount for a respective year, which is made available for delivery by the State in the next year pursuant to Article 12(e).

(j) **“Central Valley Project Act”** shall mean the Central Valley Act comprising Part 3, commencing at Section 11100, of Division 6 of the Water Code.

(k) **“Contract Extension Amendment”** shall mean the substantially similar amendments to the Contractors’ Water Supply Contracts that include, among other things, an extension of the term of the contract to December 31, 2085.

(l) **“Contract Extension Amendment Effective Date”** shall mean the date on which the Contract Extension Amendment becomes effective with regard to this contract. The State shall provide a written notice to the District specifying the Contract Extension Amendment Effective Date once the applicable conditions set out in the Contract Extension Amendment have been met.

(m) **“Contractor”** shall mean any entity that has executed, or is an assignee of, a contract of the type published in Department of Water Resources Bulletin No. 141,

dated November 1965, with the State for a dependable supply of water made available by the System, except such water as is made available by the facilities specified in Section 12934(d)(6) of the Water Code, as such contracts have been amended from time to time.

(n) **“Delta”** shall mean the Sacramento-San Joaquin Delta as defined in Section 12220 of the Water Code on the date of approval of the Burns-Porter Bond Act by the voters of the State of California.

(o) **“East Branch Aqueduct”** shall mean that portion of the San Joaquin Valley-Southern California Aqueduct specified in Section 12934(d)(2) of the Water Code extending from the South Portal of the Tehachapi Tunnels to a terminus in the vicinity of Perris, Riverside County.

(p) **“Economic Useful Life”** shall mean the period during which the State expects to derive economic benefit from using an asset, as determined by the State.

(q) **“Financial Information System”** shall mean the system of record designated by the State as the authoritative source for the recording of all financial data values relating to the System.

(r) **“Financing Costs”** shall mean the following:

- (1) principal of and interest on Revenue Bonds,
- (2) debt service coverage required by the applicable bond resolution or indenture in relation to such principal and interest,
- (3) deposits to reserves required by the bond resolution or indenture in relation to such Revenue Bonds, and
- (4) premiums for insurance or other security obtained in relation to such Revenue Bonds.

(s) **“Incurred”** shall mean the following with respect to the timing of a cost:

- (1) Capital Costs and operation, maintenance, and power costs allocated irrespective of the amount of Project Water delivered to the Contractors are “Incurred” when the expenditure for the good, service or other consideration is recorded in the State’s financial information system, regardless of the date the good, service or other consideration is provided; and
- (2) operation, maintenance, and power costs allocated in an amount which is dependent upon and varies with the amount of Project Water delivered to the Contractors are “Incurred” when the good, service or other consideration is provided, regardless of when the expenditure for the good, service or other

consideration is recorded in the financial information system.

(t) **“Initial Project Conservation Facilities”** shall mean the following Project Facilities specified in Section 12934(d) of the Water Code:

(1) All those facilities specified in subparagraph (1) thereof.

(2) Those facilities specified in subparagraph (3) thereof to the extent that they serve the purposes of water conservation in the Delta, water supply in the Delta, and transfer of water across the Delta.

(3) A reservoir near Los Banos in Merced County as specified in subparagraph (2) thereof.

(4) The reach of the San Joaquin Valley-Southern California Aqueduct extending from the Delta to a reservoir near Los Banos in Merced County, to the extent required for water conservation through conveyance of water diverted from the Delta to offstream storage in such reservoir as determined by the State.

(5) Those facilities specified in subparagraph (5) thereof which are incidental to the facilities included under (1), (2), (3), and (4) above.

(6) Those facilities specified in subparagraph (7) thereof which are necessary and appurtenant to the facilities included under (1), (2), (3), (4), and (5) above.

(u) **“Interruptible Water”** shall mean Project Water available as determined by the State that is not needed for fulfilling Contractors’ Annual Table A Amount deliveries as set forth in their water delivery schedules furnished pursuant to Article 12 or for meeting project operational requirements, including storage goals for the current or following years.

(v) **“Manufacturing Use”** shall mean any use of water primarily in the production of finished goods for market.

(w) **“Maximum Annual Table A Amount”** shall mean the maximum annual amount set forth in Table A of this contract, and where the term “maximum annual entitlement” appears elsewhere in this contract it shall mean “Maximum Annual Table A Amount.”

(x) **“Minimum Project Yield”** shall mean the dependable annual supply of project water to be made available assuming completion of the initial project conservation facilities and additional project conservation facilities. The project’s capability of providing the Minimum Project Yield shall be determined by the State on the basis of coordinated operations studies of initial project conservation facilities and additional project conservation facilities, which studies shall be based upon factors

including but not limited to:

(1) the estimated relative proportion of deliveries for agricultural use to deliveries for municipal use assuming Maximum Annual Table A Amounts for all Contractors and the characteristic distributions of demands for these two uses throughout the year; and

(2) agreements now in effect or as hereafter amended or supplemented between the State and the United States and others regarding the division of utilization of waters of the Delta or streams tributary thereto.

(y) **“Monterey Amendment”** shall mean the substantially similar amendments to Contractors’ Water Supply Contracts that included, among other provisions, the addition of Articles 51 through 56.

(z) **“Municipal Use”** shall mean all those uses of water common to the municipal water supply of a city, town, or other similar population group, including uses for domestic purposes, uses for the purposes of commerce, trade or industry, and any other use incidental thereto for any beneficial purpose.

(aa) **“Nonproject Water”** shall mean water made available for delivery to Contractors that is not Project Water as defined in Article 1(ah).

(ab) **“Project Facilities”** shall mean those facilities of the System which will, in whole or in part, serve the purposes of this contract by conserving water and making it available for use in and above the Delta and for export from the Delta and from such additional facilities as are defined in Article 1(a)(2), and by conveying water to the District. Such Project Facilities shall consist specifically of “Project Conservation Facilities” and “Project Transportation Facilities”, as hereinafter defined.

(ac) **“Project Conservation Facilities”** shall mean such Project Facilities as are presently included, or as may be added in the future, under 1(a) and 1(t).

(ad) **“Project Interest Rate”** shall mean the following:

(1) Prior to the Billing Transition Date, the weighted average interest rate on bonds, advances, or loans listed in this section to the extent the proceeds of any such bonds, advances, or loans are for construction of the State Water Facilities defined in Section 12934(d) of the Water Code, the additional project conservation facilities, and the supplemental conservation facilities (except off-aqueduct power facilities; water system facilities; advances for delivery structures, measuring devices and excess capacity; and East Branch Enlargement Facilities). The Project Interest Rate shall be calculated as a decimal fraction to five places by dividing (i) the total interest cost required to be paid or credited by the State during the life of the indebtedness or advance by (ii) the total

of the products of the various principal amounts and the respective terms in years of all such amounts. The bonds, advances, or loans used in calculating the project interest rate shall be:

(A) General obligation bonds issued by the State under the Bond Act, except that any premium received on the sale of these bonds shall not be included in the calculation of the project interest rate,

(B) Revenue Bonds issued after May 1, 1969,

(C) Bonds issued by the State under any other authority granted by the Legislature or the voters,

(D) Bonds issued by any agency, district, political subdivision, public corporation, or nonprofit corporation of this State,

(E) Funds advanced by any Contractor without the actual incurring of bonded debt therefore, for which the net interest cost and terms shall be those which would have resulted if the Contractor had sold bonds for the purpose of funding the advance, as determined by the State,

(F) Funds borrowed from the General Fund or other funds in the Treasury of the State of California, for which the total interest cost shall be computed at the interest rate earned over the period of such borrowing by moneys in the Surplus Money Investment Fund of such Treasury invested in securities, and

(G) Any other financing capability available in the Treasury of the State of California at whatever interest rate and other financing costs are provided in the law authorizing such borrowing. However, the use of other financing from the State Treasury is intended to involve only short term borrowing at interest rates and other financing costs no greater than those charged to other State agencies during the same period until such time as the Department can sell bonds and reimburse the source of the short term borrowing from the proceeds of the bond sale.

(2) On and after the Billing Transition Date, the Project Interest Rate shall be four and six hundred and ten thousandths percent (4.610%) per annum.

(ae) **“Project Repayment Period”** shall mean that period of years commencing on January 1, 1961, and extending until December 31, 2035.

(af) **“Project Revenues”** shall mean revenues derived from the service of Project Water to Contractors and others, and from the sale or other disposal of electrical energy generated in connection with operation of Project Facilities.

(ag) **“Project Transportation Facilities”** shall mean the following Project Facilities:

(1) All those facilities specified in subparagraph (2) of Section 12934(d) of the Water Code except: The reservoir near Los Banos in Merced County; the reach of the San Joaquin Valley-Southern California Aqueduct extending from the Delta to the reservoir near Los Banos in Merced County, to the extent required for water conservation as determined by the State; the North Bay Aqueduct extending to a terminal reservoir in Marin County; the South Bay Aqueduct extending to terminal reservoirs in the Counties of Alameda and Santa Clara; the Pacheco Pass Tunnel Aqueduct extending from a reservoir near Los Banos in Merced County to a terminus in Pacheco Creek in Santa Clara County; and the Coastal Aqueduct beginning on the San Joaquin Valley-Southern California Aqueduct in the vicinity of Avenal, Kings County, and extending to a terminus at the Santa Maria River.

(2) Facilities for the generation and transmission of electrical energy of the following types:

(A) Hydroelectric generating and transmission facilities, whose operation is dependent on the transportation of Project Water, or on releases to channels downstream of Project Facilities defined under (1) above. Such facilities shall be called “project aqueduct power recovery plants”, and

(B) All other generating and associated transmission facilities, except those dependent on water from Project Conservation Facilities, for the generation of power. These facilities shall be called “off-aqueduct power facilities” and shall consist of the State’s interest in the Reid-Gardner and any other generating and associated transmission facilities, constructed or financed in whole or in part by the State, which are economically competitive with alternative power supply sources as determined by the State.

(3) Those facilities specified in subparagraph (7) of Section 12934(d) of the Water Code which are necessary and appurtenant to the facilities included under (1) and (2) above.

(ah) **“Project Water”** shall mean water made available for delivery to the Contractors by the Project Conservation Facilities and the Project Transportation Facilities included in the System.

(ai) **“Revenue Bonds”** shall mean the following types of instruments payable from the sources provided in the Central Valley Project Act: revenue bonds, notes, refunding bonds, refunding notes, bond anticipation notes, certificates of indebtedness,

and other evidences of indebtedness.

(aj) **“Subject to Approval by the State”** shall mean subject to the determination and judgment of the State as to acceptability.

(ak) **“Supplemental Conservation Facilities”** shall mean those facilities provided for in Section 12938 of the Water Code which will serve the purpose of supplying water in addition to the Minimum Project Yield and for meeting local needs.

(al) **“Supplemental Water”** shall mean water made available by Supplemental Conservation Facilities, in excess of the Minimum Project Yield.

(am) **“System”** shall mean the State Water Resources Development System as defined in Section 12931 of the Water Code.

(an) **“System Revenue Account”** shall mean the special account created pursuant to Water Code Section 12937(b) into which are deposited all revenues derived from the sale, delivery or use of water or power and all other income or revenue, derived by the State, from the System, with the exception of revenue attributable to facilities financed with revenue bonds issued pursuant to the Central Valley Project Act (Water Code Section 11100 et seq.).

(ao) **“Water Supply Contract”** shall mean one of the contracts described in the definition of Contractor in Article 1(m).

(ap) **“Water System Facilities”** shall mean the following facilities to the extent that they are financed with Revenue Bonds or to the extent that other financing of such facilities is reimbursed with proceeds from Water System Facility Revenue Bonds:

(1) The North Bay Aqueduct,

(2) The Coastal Branch Aqueduct,

(3) Delta Facilities, including Suisun Marsh facilities, to serve the purposes of water conservation in the Delta, water supply in the Delta, transfer of water across the Delta, and mitigation of the environmental effects of Project Facilities, and to the extent presently authorized as project purposes, recreation and fish and wildlife enhancement,

(4) Local projects as defined in Article 1(a)(2) designed to develop no more than 25,000 acre-feet of project yield from each project,

(5) Land acquisition prior to December 31, 1995, for the Kern Fan Element of the Kern Water Bank,

- (6) Additional pumps at the Banks Delta Pumping Plant,
- (7) The transmission line from Midway to Wheeler Ridge Pumping Plant,
- (8) Repairs, additions, and betterments to Project Facilities,
- (9) A Project Facilities corporation yard,
- (10) A Project Facilities operation center, and

(11) Capital projects which are approved in writing by the State and eighty (80) percent of the affected Contractors as “Water System Facilities”, *provided* that the approving Contractors’ Table A amounts exceed eighty (80) percent of the Table A amounts representing all affected Contractors and *provided further* that “affected Contractors” for purposes of this subdivision (11) shall mean those Contractors which would be obligated to pay a share of the debt service on Revenue Bonds issued to finance such project.

(aq) **“Water System Facility Revenue Bonds”** shall mean Revenue Bonds issued after January 1, 1987 for Water System Facilities identified in Article 1(ap).

(ar) **“West Branch Aqueduct”** shall mean that portion of the San Joaquin Valley-Southern California Aqueduct specified in Section 12934(d)(2) of the Water Code extending from the South Portal of the Tehachapi Tunnels to a terminus in the vicinity of Newhall, Los Angeles County.

(as) **“Year”** shall mean the 12-month period from January 1 through December 31, both dates inclusive.

(at) **“Year of Initial Water Delivery”** shall mean the year when Project Water will first be available for delivery to a Contractor pursuant to its contract with the State.

2. TERM OF CONTRACT.

This contract shall become effective on the date first above written and shall remain in effect for the longer of the following:

1. December 31, 2085, or
2. The period ending with the latest maturity date of any bond issue used to finance the construction costs of Project Facilities.

22. DELTA WATER CHARGE

The payments to be made by each Contractor shall include an annual charge designated as the Delta Water Charge, which shall be separately calculated and stated for costs Incurred prior to the Billing Transition Date and costs Incurred on or after the Billing Transition Date.

(a) **Delta Water Charge for Costs Incurred Prior to the Billing Transition Date.** The provisions of this subdivision (a) shall apply only to costs Incurred prior to the Billing Transition Date.

(1) *Recovery of Costs of Project Conservation Facilities.* The Delta Water Charge for costs Incurred prior to the Billing Transition Date, together with the total revenues derived prior to the Billing Transition Date from the sale or other disposal of electrical energy generated in connection with operation of Project Conservation Facilities, shall return to the State during the Project Repayment Period all costs of the Project Conservation Facilities Incurred prior to the Billing Transition Date, including capital, operation, maintenance, power, and replacement costs, which are allocated to the purpose of water conservation in, above, and below the Delta pursuant to subdivisions (c)(1) through (c)(3) of this article.

(2) *Components of Charge.* For each Contractor receiving Project Water in any year through December 31, 1969, the Delta Water Charge shall be the product of \$3.50 and the Contractor's Annual Table A Amount for the respective year. For each Contractor receiving Project Water in the year 1970, the Delta Water Charge shall be the product of \$6.65 and the Contractor's Annual Table A Amount for that year. The \$6.65 rate for the year 1970 shall consist of a capital component of \$5.04 and a minimum operation, maintenance, power and replacement component of \$1.61. For each Contractor receiving Project Water in the year 1971, the Delta Water Charge shall be the product of \$7.24 and the Contractor's Annual Table A Amount for that year. The \$7.24 rate for the year 1971 shall consist of a capital component of \$5.44 and a minimum operation, maintenance, power and replacement component of \$1.80.

After December 31, 1971, the Delta Water Charge for costs Incurred prior to the Billing Transition Date shall consist and be the sum of the following components as these are computed in accordance with subdivisions (a)(3) and (a)(4) of this article: a capital component; a minimum operation, maintenance, power and replacement component; and a variable operation, maintenance, power and replacement component.

(3) *Charge Components Expressed as Rates.* The Capital Cost, the minimum operation, maintenance, power, and replacement, and the variable operation, maintenance, power, and replacement components of the Delta Water

Charge for costs Incurred prior to the Billing Transition Date, together with that portion of the revenues derived prior to the Billing Transition Date from the sale or other disposal of electrical energy generated in connection with operation of Project Conservation Facilities which is allocated by the State to repayment of the respective category of costs, shall return to the State during the Project Repayment Period, respectively, the following categories of the costs allocated to the purpose of water conservation in, above, and below the Delta pursuant to subdivisions (c)(1) through (c)(3) of this article:

(A) Capital Costs;

(B) operation, maintenance, power, and replacement costs Incurred irrespective of the amount of Project Water delivered to the Contractors;
and

(C) operation, maintenance, power, and replacement costs Incurred in an amount which is dependent upon and varies with the amount of Project Water delivered to the Contractors;

provided that each of the above categories of costs shall be inclusive of the appropriate costs properly chargeable to the generation and transmission of electrical energy in connection with operation of Project Conservation Facilities. Each component of the Delta Water Charge for costs Incurred prior to the Billing Transition Date shall be computed on the basis of a rate which, when charged during the Project Repayment Period for each acre-foot of the sum of the yearly totals of Annual Table A Amounts of all Contractors, will be sufficient, together with that portion of the revenues derived prior to the Billing Transition Date from the sale or other disposal of electrical energy generated in connection with operation of Project Conservation Facilities which is allocated by the State to repayment of the respective category of costs, to return to the State during the Project Repayment Period all costs included in the respective category of costs covered by that component. Each such rate shall be computed in accordance with the following formula:

$$\frac{(c_1 - r_1)(1 + i)^{-1} + (c_2 - r_2)(1 + i)^{-2} + \dots + (c_n - r_n)(1 + i)^{-n}}{e_1(1 + i)^{-1} + e_2(1 + i)^{-2} + \dots + e_n(1 + i)^{-n}}$$

Where:

i = The Project Interest Rate.

- c = The total costs included in the respective category of costs and Incurred during the respective year of the Project Repayment Period (prior to the Billing Transition Date).
- r = That portion of the revenues derived from the sale or other disposal of electrical energy allocated by the State to repayment of the costs included in the respective category and Incurred during the respective year of the Project Repayment Period (prior to the Billing Transition Date).

1, 2, and n
appearing
below

- c and r = The respective year of the Project Repayment Period during which the costs included in the respective category are Incurred, n being the last year of the Project Repayment Period.
- e = With respect to the Capital Cost and minimum operation, maintenance, power, and replacement components, the total of Annual Table A Amounts of all Contractors for the respective year of the Project Repayment Period.
- e = With respect to the variable operation, maintenance, power, and replacement component, the total of the amounts of Project Water delivered to all Contractors for the respective year of the expired portion of the Project Repayment Period, together with the total of Annual Table A Amounts of all Contractors for the respective year of the unexpired portion of the Project Repayment Period.

1, 2, and n
appearing

- below e = The respective year of the Project Repayment Period in which the Annual Table A Amounts or Project Water deliveries occur, n being the last year of the Project Repayment Period.

n used
as an

- exponent = The number of years in the Project Repayment Period.

(4) *Determination of Charge Components.* The Capital Cost and minimum operation, maintenance, power, and replacement components of the Delta Water Charge for costs Incurred prior to the Billing Transition Date shall be the product of the appropriate rate computed under subdivision (a)(3) of this article and the Contractor's Annual Table A Amount for the respective year. The

variable operation, maintenance, and power component of the charge shall be the product of the appropriate rate computed under subdivision (a)(3) of this article and the number of acre-feet of Project Water delivered to the Contractor during the respective year; *provided*, that when Project Water has been requested by a Contractor and delivery thereof has been commenced by the State, and, through no fault of the State, such water is wasted as a result of failure or refusal by the Contractor to accept delivery thereof, such variable component during such period shall be the product of such rate per acre-foot and the sum of the number of acre-feet of Project Water delivered to the Contractor and the number of acre-feet wasted.

(5) *Redetermination of Rates.* The rates to be used in determining the components of the Delta Water Charge pursuant to subdivision (a)(4) of this article and to become effective on January 1, 1970, shall be computed by the State in accordance with subdivision (a)(3) of this article prior to that date. Such computation shall include an adjustment which shall account for the difference, if any, between revenues received by the State under the Delta Water Charge prior to January 1, 1970, and revenues which would have been received under the charge prior to that date had it been computed and charged in accordance with subdivisions (a)(3) and (4) of this article. Upon such computation, a document establishing such rates shall be prepared by the State and attached to this contract as an amendment of this article. The State shall recompute such rates each year thereafter, and each such recomputation shall take account of and reflect increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State Incurred to construct the Project Conservation Facilities described in subdivisions (c)(1) through (c)(3) of this article, Annual Table A Amounts, deliveries of Project Water, Project Interest Rate, revenues from the sale or other disposal of electrical energy, and all other factors which are determinative of such rates. In addition, each such recomputation shall include an adjustment of the rates for succeeding years which shall account for the differences, if any, between projections of costs used by the State in determining such rates for all preceding years, and actual costs Incurred by the State during such years. Upon each such recomputation, an appropriately revised copy of the document establishing such rates shall be prepared by the State and attached to this contract as an amendment of this article.

(6) *Water System Facility Revenue Bond Charges.* Notwithstanding provisions of Article 22(a)(1) through (5), the capital and the minimum operation, maintenance, power and replacement component of the Delta Water Charge for costs Incurred prior to the Billing Transition Date shall include an annual charge to recover the District's share of the portion of the Water System Facility Revenue Bond Financing Costs allocable to Project Conservation Facilities for Capital Costs Incurred prior to the Billing Transition Date. Charges to the District for these costs shall be calculated in accordance with Article 50(a).

(b) **Delta Water Charge for Costs Incurred On or After the Billing**

Transition Date. The provisions of this subdivision (b) of this article shall apply only to costs Incurred on or after the Billing Transition Date.

(1) *Components of the Delta Water Charge for Costs Incurred On or After the Billing Transition Date.* The Delta Water Charge for costs Incurred on or after the Billing Transition Date shall consist of the following components as these are computed in accordance with subdivisions (b)(2) through (b)(4) of this article:

(A) Capital component,

(B) Minimum operation, maintenance, power, and replacement component, and

(C) Variable operation, maintenance, and power component.

(2) *Determination of Charge Components.* These three components of the Delta Water Charge for each calendar year, together with that portion of the revenues derived during such calendar year from the sale or other disposal of electrical energy generated in connection with operation of Project Conservation Facilities which is allocated by the State to repayment of the respective category of costs, shall return to the State during such calendar year the following categories, respectively, of the costs allocated pursuant to subdivisions (c)(1) through (c)(3) of this article to the purpose of water conservation in, above, and below the Delta.

(A) the capital component consisting of Capital Costs of Project Conservation Facilities to be recovered during such calendar year as and to the extent provided in subdivision (b)(3) of this article,

(B) the minimum operation, maintenance, power, and replacement component consisting of operation, maintenance, power, replacement costs of Project Conservation Facilities Incurred during such calendar year irrespective of the amount of Project Water delivered to the Contractors, and

(C) the variable operation, maintenance, and power component consisting of operation, maintenance, and power costs of Project Conservation Facilities Incurred during such calendar year in an amount

which is dependent upon and varies with the amount of Project Water delivered to the Contractors;

provided that each of the above categories of costs shall be inclusive of the appropriate costs properly chargeable to the generation and transmission of electrical energy in connection with operation of Project Conservation Facilities; and *provided further* that revenues generated in connection with the sale or other disposal of electrical energy generated in connection with operation of Project Conservation Facilities shall not reduce or be credited against charges pursuant to subdivision (b)(3)(D)(i) of this article (charges for Water System Facility Revenue Bond Financing Costs).

(3) *Categories of Capital Costs.*

(A) The amount of the capital component of the Delta Water Charge shall be determined in three steps as follows:

(i) first, an allocation to the District of Capital Costs of Project Conservation Facilities as provided in subdivisions (c)(1) through (c)(3) of this article,

(ii) second, a determination of the type and source of payment of each Capital Cost in accordance with subdivision (b)(3)(B) of this article, and

(iii) third, a computation of the annual payment to be made by the District as provided in subdivision (b)(3)(C) and (b)(3)(D) of this article.

(B) Annual Capital Costs of Project Conservation Facilities shall be divided into five categories of type and source of payment:

(i) Project Conservation Facility Capital Costs paid with the proceeds of Water System Facility Revenue Bonds,

(ii) Project Conservation Facility Capital Costs to be paid with the proceeds of Bonds issued under the Burns-Porter Bond Act,

(iii) Project Conservation Facility Capital Costs to be paid with amounts in the SWRDS Reinvestment Account,

(iv) Project Conservation Facility Capital Costs to be paid annually for assets that will have a short Economic Useful Life or the costs of which are not substantial, and

(v) Project Conservation Facility Capital Costs prepaid by the District.

(C) The projected amounts of Project Conservation Facility Capital Costs in each such category to be allocated annually to the District shall be determined by the State in accordance with the cost allocation principles and procedures set forth in subdivision (c)(1) through (c)(3) and (b)(6) of this article, which principles and procedures shall be controlling as to allocations of Capital Costs to the District; *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28. Such projected amounts will be set forth in Table B by the State.

**TABLE B
PROJECTED ALLOCATIONS TO
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
OF PROJECT CONSERVATION FACILITY CAPITAL COSTS INCURRED ON OR
AFTER THE BILLING TRANSITION DATE**

Year	Projected Allocations in Thousands of Dollars				
	Costs to be Paid with Proceeds of Water System Facility Revenue Bonds	Costs to be Paid with the Proceeds of Bonds issued under the Burns-Porter Bond Act	Costs to be Paid with Amounts in the SWRDS Reinvestment Account	Costs to be Paid Annually for Assets That Will Have a Short Economic Useful Life or the Costs of which are Not Substantial	Costs Prepaid by the District
1*					
2					
3					

* Year commencing with the Billing Transition Date.

(D) The annual amount to be paid by the District under the capital component of the Delta Water Charge for each calendar year for costs Incurred on or after the Billing Transition Date shall consist of the following categories:

(i) Water System Facility Revenue Bonds: a charge determined in accordance with Article 50(b) to recover Water System Facility Revenue Bond Financing Costs Incurred during such calendar year that relate to the financing of Project Conservation Facilities,

(ii) Burns-Porter Act Bonds: a charge to recover the amount to be paid by the State of California during such calendar year in accordance with the Burns-Porter Bond Act for the principal of and interest on bonds issued under the Burns-Porter Bond Act on or after the Billing Transition Date for Project Conservation Facility Capital Costs,

(iii) SWRDS Reinvestment Account: a charge determined in accordance with subdivision (b)(5) of Article 61 to amortize Project Conservation Facility Capital Costs Incurred during prior calendar years (but not prior to the Billing Transition Date) that have been paid with amounts from the SWRDS Reinvestment Account, and

(iv) Capital Assets with Short Economic Life or Costs of which are Not Substantial: a charge to recover the Capital Costs to be Incurred during such calendar year of Project Conservation Facility assets with a short Economic Useful Life or the costs of which are not substantial as determined by the State and any such Capital Costs Incurred but not charged in the prior two calendar years.

(E) The projected amounts of each category of charges to be paid annually by the District under this capital component shall be determined by the State in accordance with the cost allocation principles and procedures set forth in this subdivision (b), which principles and procedures shall be controlling as to allocations of types of capital component charges to the District; *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28. Such amounts are projected to be as set forth in Table C by the State.

**TABLE C
PROJECTED CHARGES TO
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
UNDER THE CAPITAL COMPONENT OF THE DELTA WATER CHARGE FOR
COSTS INCURRED ON OR AFTER THE BILLING TRANSITION DATE**

Year	Projected Charges in Thousands of Dollars			
	Costs to be Paid with Proceeds of Water System Facility Revenue Bonds	Costs to be Paid with the Proceeds of Bonds issued under the Burns-Porter Bond Act	Costs to be Paid with Amounts in the SWRDS Reinvestment Account	Costs to be Paid Annually for Assets That Will Have a Short Economic Useful Life or the Costs of which are Not Substantial
1				
2				
3				

* Year commencing with the Billing Transition Date.

(4) *Minimum Operation, Maintenance, Power and Replacement Charge – Determination; Repayment Table.*

The amount to be paid each year by the District under the minimum operation, maintenance, power, and replacement component of the Delta Water Charge shall be determined by the State in accordance with the cost allocation principles and procedures set forth in subdivision (b)(6)(A) of this article; *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28. Such amounts are projected to be as set forth in Table D by the State.

TABLE D
DELTA WATER CHARGE -- ESTIMATED MINIMUM OPERATION, MAINTENANCE,
POWER AND REPLACEMENT COMPONENT FOR COSTS INCURRED ON OR
AFTER THE BILLING TRANSITION DATE
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

Year	Total Annual Payment by District
1*	
2	
3	
4	

* Year commencing with the Billing Transition Date.

(5) *Variable Operation, Maintenance and Power Charge–
Determination; Repayment Table.*

The amount to be paid each year by the District under the variable operation, maintenance and power component of the Delta Water Charge shall be determined by the State in accordance with the cost allocation principles and procedures set forth in subdivision (b)(6)(B) of this article; *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28. Such amounts are projected to be as set forth in Table E by the State.

TABLE E
DELTA WATER CHARGE -- ESTIMATED VARIABLE OPERATION, MAINTENANCE
AND POWER COMPONENT FOR COSTS INCURRED ON OR AFTER THE BILLING
TRANSITION DATE
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

Year	Total Annual Payment by District
1*	
2	
3	
4	

* Year commencing with the Billing Transition Date.

(6) *Allocation of Charges to the District.*

(A) The capital and minimum operation, maintenance, and power components of the Delta Water Charge for each calendar year for costs Incurred on or after the Billing Transition Date shall be allocated to the District in proportion to the ratio of the District's Annual Table A Amount for such calendar year to the total of the Annual Table A Amounts for all Contractors for such calendar year.

(B) The variable operation, maintenance, and power component of the Delta Water Charge for each calendar year for costs Incurred on or after the Billing Transition Date shall be allocated to the District in proportion to the ratio of the number of acre-feet of Project Water delivered to the District during such calendar year to the number of acre-feet of Project Water delivered to all Contractors during such calendar year; *provided* that when Project Water has been requested by a Contractor and delivery thereof has been commenced by the State, and, through no fault of the State, such water is wasted as a result of failure or refusal by the Contractor to accept delivery thereof, such variable component during such period shall be calculated as if the number of acre-feet wasted had been delivered.

(7) *Delta Water Charge -- Repayment Schedule.*

The amounts to be paid by the District for each year on or after the Billing Transition Date under the Capital Cost component, minimum operation, maintenance, power and replacement component and the variable operation, maintenance, and power component of the Delta Water Charge shall be set forth by the State in Table F, which Table F shall constitute a summation of Tables C, D, and E; *provided* that each of the amounts set forth in Table F shall be subject to redetermination by the State in accordance with Article 28; *provided further*

that the principles and procedures set forth in this Article 22 shall be controlling as to such amounts. Such amounts shall be paid by the District in accordance with the provisions of Article 29.

**TABLE F
REPAYMENT SCHEDULE -- DELTA WATER CHARGE FOR COSTS INCURRED ON
OR AFTER THE BILLING TRANSITION DATE
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

Year	Capital Cost Component	Minimum Component	Variable Component	Total
1*				
2				
3				
4				

* Year commencing with the Billing Transition Date.

(c) Provisions Applicable to the Delta Water Charge for Costs Incurred Both Before and On or After the Billing Transition Date. The provisions of this subdivision (c) shall be applicable to costs Incurred both prior to and on or after the Billing Transition Date.

(1) *Allocation of Costs to Project Purposes.*

(A) Prior to the time that Additional Project Conservation Facilities or Supplemental Conservation Facilities are constructed, the Delta Water Charge shall be determined on the basis of an allocation to project purposes, by the separable cost-remaining benefits method, of all actual and projected costs of all those Initial Project Conservation Facilities located in and above the Delta, and upon an allocation to the purposes of water conservation and water transportation, by the proportionate use of facilities method, of all actual and projected costs of the following Project Facilities located below the Delta: The aqueduct intake facilities at the Delta, Pumping Plant I (Harvey O. Banks Delta Pumping Plant), the aqueduct from the Delta to San Luis Forebay (O'Neill Forebay), San Luis Forebay (O'Neill Forebay), and San Luis Reservoir: *provided*, that all of the actual and projected costs properly chargeable to the generation and transmission of electrical energy in connection with operation of Project Conservation Facilities shall be allocated to the purpose of water conservation in, above, and below the Delta; *provided further*, that allocations to purposes the cost of which are to be paid by the United States shall be as determined by the United States.

(B) Wherever reference is made, in connection with the computation, determination, or payment of the Delta Water Charge, to the costs of any facility or facilities included in the System, such reference shall be only to those costs of such facility or facilities that are reimbursable by the Contractors as determined by the State.

(C) The State, in fixing and establishing prices, rates, and charges for water and power, shall include as a reimbursable cost of any state water project an amount sufficient to repay all costs incurred by the State, directly or by contract with other agencies, for the preservation of fish and wildlife and determined to be allocable to the costs of the project works constructed for the development of that water and power, or either. Costs incurred for the enhancement of fish and wildlife or for the development of public recreation shall not be included in the prices, rates, and charges for water and power, and shall be nonreimbursable costs. Such recreational purposes include, but are not limited to, those recreational pursuits generally associated with the out-of-doors, such as camping, picnicking, fishing, hunting, water contact sports, boating, and sightseeing, and the associated facilities of campgrounds, picnic areas, water and sanitary facilities, parking areas, viewpoints, boat launching ramps, and any others necessary to make project land and water areas available for use by the public. In administering this Contract "development of public recreation" shall include recreation capital and operation and maintenance.

(2) *Additional Conservation Facilities.* Commencing in the year in which the State first awards a major construction contract for construction of a major feature of Additional Project Conservation Facilities, or first commences payments under a contract with a federal agency in the event a major feature of Additional Project Conservation Facilities is constructed by such federal agency under an agreement requiring the State to pay all or part of the costs of such construction, the Delta Water Charge shall be determined on the basis of the foregoing allocations and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to the foregoing provisos, of all projected costs of such feature of the Additional Project Conservation Facilities; *provided*, that if the agreement with such federal agency allows repayment of costs of a portion of a facility to be deferred, the associated costs of such portion shall be excluded from the Delta Water Charge computations until repayment of such deferred costs or interest thereon is commenced by the State; *provided, further*, that all costs of Additional Project Conservation Facilities Incurred prior to the award of a major construction contract, shall be included in the Delta Water Charge computations in the year in which they are Incurred.

(3) *Supplemental Conservation Facilities.* Upon the construction of the Supplemental Conservation Facilities, the Delta Water Charge shall be paid by

all Contractors for Supplemental Water, as well as by Contractors for Project Water, and, together with revenues derived from the sale or other disposal of electrical energy generated in connection with operation of Project Conservation Facilities and Supplemental Conservation Facilities, shall return to the State, in addition to those costs of the Project Conservation Facilities allocated to the purpose of water conservation, in, above, and below the Delta pursuant to subdivision (c)(1) of this article, all costs of such Supplemental Conservation Facilities, including capital, operation, maintenance, power, and replacement costs which are allocated to the purpose of water conservation, in, above, and below the Delta pursuant hereto. Commencing in the year in which the State first awards a major construction contract for construction of a major feature of any Supplemental Conservation Facilities, or first commences payments under a contract with a federal agency in the event a major feature of Supplemental Conservation Facilities is constructed by such federal agency under an agreement requiring the State to pay all or part of the costs of such construction, the Delta Water Charge shall be determined on the basis of the allocations made pursuant to subdivision (c)(1) of this article, and upon an allocation to project purposes, by the separable costs-remaining benefits method and subject to provisos corresponding to those contained in such subdivision (c)(1), of all projected costs of such feature of the Supplemental Conservation Facilities. Commencing in the same year, the computation of the rates to be used in determining the components of the Delta Water Charge shall include the Annual Table A Amounts under all contracts for Supplemental Water. If the repayment period of any bonds sold to construct Supplemental Conservation Facilities or the repayment period under any agreement with a federal agency for repayment of the costs of Supplemental Conservation Facilities constructed by such federal agency extends beyond the repayment period of the contract, the Delta Water Charge shall be determined and redetermined on the basis of such extended repayment period as the State determines to be appropriate; *provided*, that if the agreement with such federal agency allows repayment of costs of a portion of a facility to be deferred, the associated costs of such portion shall be excluded from the Delta Water Charge computations until repayment of such deferred costs or interest thereon is commenced by the State.

(4) *Local Projects.* The determination of the Delta Water Charge shall be made by including the appropriate costs and quantities of water, calculated in accordance with subdivisions (a) and (b) above, for all Additional Project Conservation Facilities as defined in Article 1(a). In the event a Local Project as defined in Article 1(a)(2) will, pursuant to written agreement between the State and the sponsoring Contractor, be considered and treated as an Additional Project Conservation Facility for less than the estimated life of the facility, the Delta Water Charge will be determined on the basis of that portion of the appropriate cost and water supply associated with such facility as the period of time during which such facility shall be considered as an Additional Project Conservation Facility bears to the estimated life of such facility. No costs for the construction or implementation of any Local Project are to be included in the

Delta Water Charge unless and until the written agreement required by Article 1(a) has been entered into.

(5) *Water Purchased By the State.* In calculating the Delta Water Charge under subdivisions (a) and (b) of this article, the component for operation, maintenance, power and replacement costs shall include, but not be limited to, all costs to the State Incurred in purchasing water, which is competitive with alternative sources as determined by the State, for delivery as Project Water.

(6) *Replacement Cost Treatment.* Replacement costs of Project Conservation Facilities shall be treated as either Capital Costs or as minimum operation, maintenance, power, and replacement costs, as determined by the State considering the Economic Useful Life of the asset being replaced and other relevant factors.

23. TRANSPORTATION CHARGE.

The payments to be made by each Contractor shall include an annual charge designated as the Transportation Charge, which shall be separately stated and calculated for costs Incurred prior to the Billing Transition Date and costs Incurred on or after the Billing Transition Date.

(a) **Transportation Charge for Costs Incurred Prior to the Billing Transition Date.** The provisions of this subdivision (a) and Articles 24(a) and (c), 25 and 26 shall apply to costs Incurred prior to the Billing Transition Date.

(1) *Recovery of Costs of Project Transportation Facilities.* The Transportation Charge for costs Incurred prior to the Billing Transition Date shall return to the State during the Project Repayment Period such costs of all Project Transportation Facilities necessary to deliver Project Water to the Contractor and which are allocated to the Contractor in accordance with the cost allocation principles and procedures hereinafter set forth.

(2) *Components of Transportation Charge for Costs Incurred Prior to the Billing Transition Date.* The Transportation Charge for costs Incurred Prior to the Billing Transition Date shall consist of a capital component; a minimum operation, maintenance, power, and replacement component; and a variable operation, maintenance and power component, as these components are defined in and determined under Articles 24(a) and (c), 25, and 26, respectively.

(b) **Transportation Charge for Costs Incurred On or After the Billing Transition Date.** The provisions of this subdivision (b) and Articles 24(b) and (c), 25 and 26 shall apply to costs Incurred on or after the Billing Transition Date.

(1) *Recovery of Costs of Project Transportation Facilities.* The Transportation Charge for costs Incurred on or after the Billing Transition Date shall return to the State during each such calendar year all costs which are Incurred on or after the Billing Transition Date of all Project Transportation Facilities necessary to deliver Project Water to the District and which are allocated to the District in accordance with the cost allocation principles and procedures hereinafter set forth.

(2) *Components of Transportation Charge.* The Transportation Charge for costs Incurred on or after the Billing Transition Date shall consist of a capital component; a minimum operation, maintenance, and power component; and a variable operation, maintenance, and power component, as these components are defined in and determined under Articles 24(b) and (c), 25, and 26, respectively.

(c) **Segregation of Aqueduct Reaches for All Transportation Charge Purposes.** For the purpose of allocations of costs among Contractors pursuant to

subdivisions (a) and (b) of this article, and Articles 24, 25 and 26, the Project Transportation Facilities shall be segregated into such aqueduct reaches as are determined by the State to be necessary for such allocations of costs. Subject to such modifications as are determined by the State to be required by reason of any request furnished by the District to the State pursuant to Article 17(a) of this contract, or by reason of contracts entered into by the State with other Contractors, the aqueduct reaches of the Project Transportation Facilities, a portion of the costs of which may be allocated to the District, are established as provided in Table G; *provided* that those costs of the aqueduct reaches from the Delta through the outlet of San Luis Reservoir which are allocated to the purpose of water conservation in, above, and below the Delta for the purpose of determining the Delta Water Charge, as hereinbefore set forth, shall not be included in the Transportation Charge.

**TABLE G
PROJECT TRANSPORTATION FACILITIES NECESSARY TO DELIVER WATER TO
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

<u>Aqueduct Reach</u>	<u>Major Features of Reach</u>
<u>California Aqueduct</u>	
Delta thru Bethany Forebay	Clifton Court Forebay Intake Canal Fish Protective Facilities Delta Pumping Plant Bethany Dam and Reservoir Aqueduct
Bethany Reservoir to Orestimba Creek	Bethany Dam and Reservoir Aqueduct
Orestimba Creek to O'Neill Forebay	Orestimba Creek Siphon Aqueduct
O'Neill Forebay to Dos Amigos Pumping Plant	O'Neill Dam and Forebay. Los Banos Reservoir Aqueduct
Dos Amigos Pumping Plant to Panoche Creek	Dos Amigos Pumping Plant Little Panoche Reservoir Aqueduct
Panoche Creek to Five Points	Aqueduct
Five Points to Arroyo Pasajero	Aqueduct
Arroyo Pasajero to Kettleman City	Aqueduct
Kettleman City Thru Milham Avenue	Aqueduct
Milham Avenue Thru Avenal Gap	Aqueduct
Avenal Gap Thru Twisselman Road	Aqueduct
Twisselman Road Thru Lost Hills	Aqueduct
Lost Hills to 7 th Standard Road	Aqueduct

STATE WATER PROJECT WATER SUPPLY CONTRACT EXTENSION AMENDMENT
Execution Version

7 th Standard Road Thru Elk Hills Road	Aqueduct
Elk Hills Road Thru Tupman Road	Aqueduct
Tupman Road to Buena Vista Pumping Plant	Aqueduct
Buena Vista Pumping Plant Thru Santiago Creek	Buena Vista Pumping Plant Sandy Creek Siphon Sunset Railroad Siphon Santiago Siphon Aqueduct
Santiago Creek Thru Old River Road	Los Lobos Siphon San Emigdio Siphon Old River Road Siphon Pleito Siphon Aqueduct
Old River Road to Wheeler Ridge Pumping Plant	Aqueduct
Wheeler Ridge Pumping Plant to Wind Gap Pumping Plant	Wheeler Ridge Pumping Plant Aqueduct
Wind Gap Pumping Plant to A. D. Edmonston Pumping Plant	Wind Gap Pumping Plant Aqueduct
A. D. Edmonston Pumping Plant to Carley V. Porter Tunnel	A. D. Edmonston Pumping Plant Tunnels #1, 2, & 3 Siphon #1 Pastoria Siphon Bear Trap Access Structure
Carley V. Porter Tunnel Junction, West Branch, California Aqueduct	Carley V. Porter Tunnel Siphon #4 Tehachapi Afterbay
Junction, West Branch California Aqueduct Thru Cottonwood Powerplant	Cottonwood Energy Dissipator Chute Aqueduct
Cottonwood Powerplant to Fairmont	Aqueduct <EAST BRANCH>

STATE WATER PROJECT WATER SUPPLY CONTRACT EXTENSION AMENDMENT
Execution Version

Fairmont Thru 70th
Street West

Myrick Siphon
Willow Springs Siphon
Johnson Siphon
Aqueduct

70th Street West to
Palmdale

Ritter Siphon
Leona Siphon
Aqueduct

Palmdale to Littlerock
Creek

Soledad Siphon
Cheseboro Siphon
Littlerock Siphon
Aqueduct

Littlerock Creek to
Pearblossom Pumping Plant

Aqueduct

Pearblossom Pumping
Plant to West Fork
Mojave River

Pearblossom Pumping Plant
Fort Tejon Siphon
Big Rock Siphon
Antelope Siphon
Aqueduct

West Fork Mojave River
To Silverwood Lake

Mojave Siphon

Cedar Springs Dam and
Silverwood Lake
Silverwood Lake to South
Portal, San Bernardino Tunnel

Cedar Springs Dam
Silverwood Lake
San Bernardino Tunnel

South Portal, San Bernardino
Tunnel Thru Devil Canyon Powerplant

Devil Canyon Powerplant

East Branch Extension Phase I

Devil Canyon Powerplant Afterbay
to Junction, Foothill Pipeline
near Cone Camp Road

Foothill Pipeline

Junction, Foothill Pipeline
near Cone Camp Road
to Crafton Hills Pump Station

Foothill Pipeline
SARC Pipeline
Greenspot Pump Station Annex
Morton Canyon Pipeline
Greenspot Pipelines

Crafton Hills Pump Station
to Garden Air Creek, south
of San Bernardino-Riverside
County Line

Crafton Hills Pump Station
Crafton Hills Pipeline
Bryant Pipeline

East Branch Extension Phase II

STATE WATER PROJECT WATER SUPPLY CONTRACT EXTENSION AMENDMENT
Execution Version

Devil Canyon Powerplant Afterbay to Junction, Foothill Pipeline near Cone Camp Road	Foothill Pipeline
Junction, Foothill Pipeline near Cone Camp Road to Mentone Pump Station	South leg of Mentone Connector Pipeline Mentone Reservoir
Mentone Pump Station to Crafton Hills Pump Station	Mentone Pump Station East leg of Mentone Connector Pipeline
Crafton Hills Pump Station to Garden Air Creek, south of San Bernardino-Riverside County Line	Crafton Hills Pump Station Crafton Hills Pipeline Bryant Pipeline

(This table was labeled Table I in original contract provisions)

(d) Provisions Applicable to the Transportation Charge for Costs Incurred Both Before and On or After the Billing Transition Date.

(1) Wherever reference is made, in connection with the computation, determination, or payment of the Transportation Charge, to the allocation or payment of costs of any facility or facilities included in the System, such reference shall be only to those costs of such facility or facilities which are reimbursable by the Contractors as determined by the State.

(2) The State, in fixing and establishing prices, rates, and charges for water and power, shall include as a reimbursable cost of any state water project an amount sufficient to repay all costs incurred by the State, directly or by contract with other agencies, for the preservation of fish and wildlife and determined to be allocable to the costs of the project works constructed for the development of that water and power, or either. Costs incurred for the enhancement of fish and wildlife or for the development of public recreation shall not be included in the prices, rates, and charges for water and power, and shall be nonreimbursable costs. Such recreational purposes include, but are not limited to, those recreational pursuits generally associated with the out-of-doors, such as camping, picnicking, fishing, hunting, water contact sports, boating, and sightseeing, and the associated facilities of campgrounds, picnic areas, water and sanitary facilities, parking areas, viewpoints, boat launching ramps, and any others necessary to make project land and water areas available for use by the public. In administering this Contract "development of public recreation" shall include recreation capital and operation and maintenance.

24. TRANSPORTATION CHARGE -- CAPITAL COMPONENTS.

(a) **Transportation Charge Capital Component for Costs Incurred Prior to the Billing Transition Date.** The provisions of this subdivision (a) shall apply only to Capital Costs Incurred prior to the Billing Transition Date.

(1) *Recovery of Capital Costs of Project Transportation Facilities Incurred Prior to the Billing Transition Date.* The amount of the capital component of the Transportation Charge for Capital Costs Incurred prior to the Billing Transition Date shall be determined in two steps as follows:

(A) first, an allocation of such costs to the Contractor in accordance with subdivision (a)(2) of this article, and

(B) second, a computation of annual payments to be made by the Contractor of such allocated costs and interest thereon, computed at the Project Interest Rate in accordance with subdivision (a)(3) of this article.

(2) *Allocation of Capital Costs of Project Transportation Facilities Incurred Prior to the Billing Transition Date.* The total amount of Capital Costs Incurred prior to the Billing Transition Date of each aqueduct reach to be returned to the State shall be allocated among all Contractors entitled to delivery of Project Water from or through such reach by the proportionate use of facilities method of cost allocation and in accordance with Article 23(c) and subdivision (c)(1) of this article.

The projected amounts of Capital Costs to be allocated annually to the District under the capital component of the Transportation Charge shall be determined by the State in accordance with the cost allocation principles and procedures set forth in this subdivision (a) and subdivision (c)(1) of this article, which principles and procedures shall be controlling as to allocations of Capital Costs to the District. Such amounts will be set forth in Table H by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the District as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of Project Water to the District, pursuant to Article 17(a), *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28.

**TABLE H
PROJECTED ALLOCATIONS OF CAPITAL COSTS INCURRED PRIOR TO THE
BILLING TRANSITION DATE OF
PROJECT TRANSPORTATION FACILITIES TO
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

Year	Projected Allocation in Thousands of Dollars
1*	
2	
3	
4	

* Year in which State commences construction of Project Transportation Facilities.
(This table was labeled Table C in original contract provisions)

(3) *Determination of Capital Component of Transportation Charge for Costs Incurred Prior to the Billing Transition Date.* The District's annual payment of its allocated Capital Costs Incurred prior to the Billing Transition Date and interest thereon, computed at the Project Interest Rate and compounded annually, shall be determined in accordance with a repayment schedule established by the State and determined in accordance with the principles set forth in (A), (B), and (C) below, which principles shall be controlling as to the District's payment of its allocated Capital Costs. The District's repayment schedule will be set forth in Table I by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the District as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of Project Water to the District, pursuant to Article 17(a); *provided* that the amounts set forth in Table I shall be subject to redetermination by the State, pursuant to Article 28.

(A) The District's annual payment shall be the sum of the amounts due from the District on the District's allocated Capital Costs for the then current year and for each previous year where each such amount will pay, in not more than fifty (50) equal annual installments of principal and interest, the District's allocated Capital Costs for the respective year and interest thereon, computed at the Project Interest Rate and compounded annually.

(B) The District may make payments at a more rapid rate if approved by the State.

(C) Such annual Transportation Charge payments shall cease when all allocated Capital Costs and interest thereon, computed at the Project Interest Rate and compounded annually, are repaid.

TABLE I
TRANSPORTATION CHARGE FOR COSTS INCURRED PRIOR TO THE BILLING
TRANSITION DATE -- CAPITAL COST COMPONENT
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
(In Thousands of Dollars)

Year	Annual Payment of Principal	Annual Interest Payment	Total Annual Payment by District
1*			
2**			
3			
4			

* Year in which State commences construction of Project Transportation Facilities.

** Year of first payment.

(This table was labeled Table D in original contract provisions)

(4) Notwithstanding provisions of subdivisions 24(a)(1) through (a)(3) of this article, the capital component of the Transportation Charge for costs Incurred prior to the Billing Transition Date shall include an annual charge to recover the District's share of the portion of Water System Facility Revenue Bond Financing Costs allocable to Project Transportation Facilities. Charges to the District for these costs shall be calculated in accordance with Article 50(a).

(b) **Transportation Charge Capital Component for Costs Incurred On or After the Billing Transition Date.** The provisions of this subdivision (b) shall apply only to Capital Costs Incurred on or after the Billing Transition Date.

(1) The amount of the capital component of the Transportation Charge for costs Incurred on or after the Billing Transition Date shall be determined in three steps as follows:

(A) first, an allocation of Capital Costs to the Contractor as provided in subdivision (b)(2) of this article,

(B) second, a determination of the type and source of payment of each Capital Cost as provided in subdivision (b)(3) of this article, and

(C) third, a computation of the annual payment to be made by

the Contractor as provided in subdivision (b)(4) and (b)(5) of this article.

(2) The total amount of Capital Costs of each aqueduct reach to be returned to the State under the Transportation Charge for costs Incurred on or after the Billing Transition Date shall be allocated among all Contractors entitled to delivery of Project Water from or through the reach by the proportionate use of facilities method of cost allocation and in accordance with Article 23(c) and subdivision (c)(1) of this article.

(3) Annual Capital Costs of Project Transportation Facilities shall be divided into five categories of type and source of payment:

(A) Project Transportation Facility Capital Costs paid with the proceeds of Water System Facility Revenue Bonds,

(B) Project Transportation Facility Capital Costs paid with the proceeds of bonds issued under the Burns-Porter Bond Act,

(C) Project Transportation Facility Capital Costs paid with amounts in the SWRDS Reinvestment Account,

(D) Project Transportation Facility Capital Costs paid annually for assets that will have a short Economic Useful Life or the costs of which are not substantial, and

(E) Project Transportation Facility Capital Costs prepaid by the District.

The projected amounts of Project Transportation Facility Capital Costs of each type to be allocated annually to the District shall be determined by the State in accordance with the cost allocation principles and procedures set forth in Article 23(c)(1) through (c)(3) and this subdivision (b)(3), which principles and procedures shall be controlling as to allocations of each type of Capital Costs to the District; *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28. Such projected amounts will be set forth in Table J by the State.

**TABLE J
PROJECTED ALLOCATIONS TO
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
OF PROJECT TRANSPORTATION FACILITY CAPITAL COSTS INCURRED ON OR
AFTER THE BILLING TRANSITION DATE**

Year	Allocations in Thousands of Dollars				
	Costs to be Paid with Proceeds of Water System Facility Revenue Bonds	Costs to be Paid with the Proceeds of Bonds issued under the Burns-Porter Bond Act	Costs to be Paid with Amounts in the SWRDS Reinvestment Account	Costs to be Paid Annually for Assets That Will Have a Short Economic Useful Life or the Costs of which are Not Substantial	Costs Prepaid by the District
1*					
2					
3					

* Year commencing with the Billing Transition Date

(4) The capital component of the Transportation Charge for a calendar year for costs Incurred on or after the Billing Transition Date shall consist of the following to the extent the related Capital Costs are allocated to the District:

(A) Water System Facility Revenue Bond: a charge determined in accordance with Article 50(b) to recover Water System Facility Revenue Bond Financing Costs Incurred during such calendar year that relate to the financing of Water System Facilities that are Project Transportation Facilities,

(B) Burns-Porter Act Bonds: a charge to recover the amount to be paid by the State of California during such calendar year in accordance with the Burns-Porter Bond Act for the principal of and interest on bonds issued under the Burns-Porter Bond Act on or after the Billing Transition Date for Project Transportation Facility Capital Costs,

(C) SWRDS Reinvestment Account: a charge determined in accordance with subdivision (b)(5) of Article 61 to amortize Project Transportation Facility Capital Costs Incurred during prior calendar years

(but not prior to the Billing Transition Date) that have been paid with amounts from the SWRDS Reinvestment Account, and

(D) Capital Assets with Short Economic Life or Costs of which are Not Substantial: a charge to recover the Capital Costs to be Incurred during such calendar year of Project Transportation Facility assets with a short Economic Useful Life or the costs of which are not substantial as determined by the State and any such Capital Costs Incurred but not charged in the prior two calendar years,

(5) *Projected Charges.* The projected amounts of the charges to be allocated annually to the District under the capital component of the Transportation Charge for costs Incurred on or after the Billing Transition Date shall be determined by the State in accordance with the cost allocation principles and procedures set forth in this Article, which principles and procedures shall be controlling as to allocations of capital component charges to the District; *provided* that these amounts shall be subject to redetermination by the State in accordance with Article 28. Such amounts are projected to be as set forth in Table K by the State.

**TABLE K
PROJECTED CHARGES UNDER THE CAPITAL COMPONENT
OF THE TRANSPORTATION CHARGE FOR COSTS INCURRED ON OR AFTER THE
BILLING TRANSITION DATE TO
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

Year	Projected Charges in Thousands of Dollars			
	Costs to be Paid with Proceeds of Water System Facility Revenue Bonds	Costs to be Paid with the Proceeds of Bonds issued under the Burns-Porter Bond Act	Costs to be Paid with Amounts in the SWRDS Reinvestment Account	Costs to be Paid Annually for Assets That Will Have a Short Economic Useful Life or the Costs of which are Not Substantial
1*				
2				
3				

* Year commencing with the Billing Transition Date.

(c) **Provisions Applicable to the Transportation Charge For Costs Incurred Both Prior To and On or After the Billing Transition Date.** The provisions of this subdivision (c) shall be applicable to Capital Costs Incurred both prior to and on or after the Billing Transition Date.

(1) *Proportionate Use Factors.* The measure of the proportionate use by each Contractor of each reach shall be the average of the following two ratios:

(A) the ratio of the Contractor's Maximum Annual Table A Amount to be delivered from or through the reach to the total of the Maximum Annual Table A Amounts of all Contractors to be delivered from or through the reach from the year in which charges are to be paid through the end of the Project Repayment Period, and

(B) the ratio of the capacity provided in the reach for the transport and delivery of Project Water to the Contractor to the total capacity provided in the reach for the transport and delivery of Project Water to all Contractors served from or through the reach from the year in which charges are to be paid through the end of the Project Repayment Period.

Allocations of Capital Costs to the District pursuant hereto shall be on the basis of relevant values which will be set forth in Table L by the State as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the District as to the maximum monthly delivery capability to be provided in each aqueduct reach of the Project Transportation Facilities for the transport and delivery of Project Water to the District, pursuant to Article 17(a); *provided* that these values shall be subject to redetermination by the State in accordance with Article 28; *provided further* that the principles and procedures set forth in this subdivision shall be controlling as to allocations of Capital Costs to the District. Proportionate use of facilities factors for prior years shall not be adjusted by the State in response to changes or transfers of Table A Amounts among Contractors unless otherwise agreed by the State and the parties to the transfer and unless there is no impact on past charges or credits of other Contractors.

TABLE L

[TABLE L shall set forth the relevant values that shall serve as the basis for allocation of all Transportation Charge Costs]

(This table was labeled Table B in original contract provisions)

(2) *Determinations Using Proportionate Use Factors.* The total amount in each category of Capital Costs allocated to a Contractor shall be the sum of the products obtained when there is multiplied, for each aqueduct reach necessary to deliver water to the Contractor, the total amount of the Capital Costs of the reach in that category to be returned to the State under the Transportation Charge by the average of the two foregoing ratios for such reach as such average is set forth in the appropriate table included in its contract.

(3) *Excess Capacity.* In the event that excess capacity is provided in any aqueduct reach for the purpose of making Project Water available in the future to an agency or agencies with which the State has not executed contracts at the time of any allocation of costs pursuant to this subdivision, the prospective Maximum Annual Table A Amount or Amounts to be supplied by such excess capacity, as determined by the State, shall be deemed to be contracted for by such agency or agencies for the purpose of such allocation of costs, to the end that the Capital Costs of providing such excess capacity are not charged to any Contractor entitled by virtue of an executed contract to the delivery of Project Water from or through that aqueduct reach at the time of such allocation. Where additional capacity is provided in any aqueduct reach to compensate for loss of water due to evaporation, leakage, seepage, or other causes, or to compensate for scheduled outages for purposes of necessary investigation, inspection, maintenance, repair or replacement of the facilities of the Project Facilities, then, for the purpose of any allocation of costs pursuant to this subdivision:

(A) the Maximum Annual Table A Amount to be delivered from or through the reach of each Contractor entitled to delivery of Project Water from or through the reach shall be increased by an amount which bears the same proportion to the maximum annual delivery capability provided by such additional capacity that the Contractor's Maximum Annual Table A Amount to be delivered from or through the reach bears to the total of the Maximum Annual Table A Amounts to be delivered from or through the reach under all contracts; and

(B) the capacity provided in the reach for each Contractor entitled to delivery of Project Water from or through the reach shall be increased in the same proportion that the Contractor's Maximum Annual Table A Amount to be delivered from or through the reach is increased pursuant to (A) above.

(4) *Power Facilities.* The Capital Costs of project aqueduct power recovery plants shall be charged and allocated in accordance with this Article 24.

The Capital Costs of off-aqueduct power facilities shall be charged and allocated in accordance with Article 25(d).

(5) *Capital Costs of Excess Capacity.* In the event that any Contractor, pursuant to Article 12(b), requests delivery capacity in any aqueduct reach which will permit maximum monthly deliveries to such Contractor in excess of the percentage amounts specified in such Article 12(b) for the uses designated therein, such Contractor shall furnish to the State, in advance of the construction of such aqueduct reach, funds sufficient to cover the costs of providing such excess capacity, which funds shall be in an amount which bears the same proportion to the total Capital Costs of such reach, including the costs of providing such excess capacity, as such excess capacity bears to the total capacity of such reach, including such excess capacity. For the purpose of any allocation of costs pursuant to subdivision (c)(1) of this article, the total Capital Costs of such aqueduct reach shall be allocated among all Contractors entitled to delivery of Project Water from or through the reach in the following manner:

(A) The costs which would have been Incurred for such reach had no such excess capacity been provided shall be estimated by the State and allocated among all such Contractors in the manner provided in such subdivision (c)(1); and

(B) the amount of the difference between such estimated costs and the projected actual costs of such reach shall be allocated to the Contractor or Contractors for which such excess capacity is provided.

Where such excess capacity is provided for more than one Contractor, the costs allocated to them under (B) above shall be further allocated between or among them in amounts which bear the same proportion to the total of such allocated costs as the amount of such excess capacity provided for the respective Contractor bears to the total of such excess capacity provided in such reach. In the event that the funds advanced by a Contractor pursuant to this subdivision are more or less than the costs so allocated to such Contractor under (B) above, the account of such Contractor shall be credited or debited accordingly.

(6) *Replacement Cost Treatment.* Replacement costs of Project Transportation Facilities shall be treated as either Capital Costs or as minimum operation, maintenance, power and replacement costs, as determined by the State considering the Economic Useful Life of the asset being replaced and other relevant factors.

(7) *East Branch Enlargement.* Notwithstanding provisions of Articles 24(a) through 24(c), Capital Costs associated with East Branch Enlargement Facilities as defined in Article 49(a) shall be collected under the capital component of the East Branch Enlargement Transportation Charge Article 49(d). Any Capital Costs of off-aqueduct power facilities associated with deliveries

STATE WATER PROJECT WATER SUPPLY CONTRACT EXTENSION AMENDMENT
Execution Version

through East Branch Enlargement Facilities shall be charged and allocated in accordance with Article 25(d).

25. TRANSPORTATION CHARGE -- MINIMUM OPERATION, MAINTENANCE, POWER, AND REPLACEMENT COMPONENT.

The provisions of this article shall apply to costs incurred both prior to and on or after the Billing Transition Date.

(a) **Purpose.** The minimum operation, maintenance, power, and replacement component of the Transportation Charge shall return to the State those costs of the Project Transportation Facilities necessary to deliver water to the Contractor which constitute operation, maintenance, power, and replacement costs Incurred irrespective of the amount of Project Water delivered to the Contractor and which are allocated to the Contractor pursuant to subdivision (b) of this article; *provided* that to the extent permitted by law, the State may establish reserve funds to meet anticipated minimum replacement costs; and deposits in such reserve funds by the State: (1) shall be made in such amounts that such reserve funds will be adequate to meet such anticipated costs as they are incurred, and (2) shall be deemed to be a part of the minimum replacement costs for the year in which such deposits are made.

(b) **Allocation.** The total projected minimum operation, maintenance, power, and replacement costs of each aqueduct reach of the Project Transportation Facilities for the respective year shall be allocated among all Contractors entitled to delivery of Project Water from such facilities by the proportionate use of facilities method of cost allocation, in the same manner and upon the same bases as are set forth for the allocation of Capital Costs in subdivisions (c)(1) through (c)(3) of Article 24; *provided* that such minimum operation, maintenance, power, and replacement costs as are Incurred generally for the Project Transportation Facilities first shall be allocated to each aqueduct reach in an amount which bears the same proportion to the total amount of such general costs that the amount of the costs Incurred directly for the reach bears to the total of all direct costs for all aqueduct reaches.

(c) **Determination; Repayment Table.** The amount to be paid each year by the District under the minimum operation, maintenance, power, and replacement component of the Transportation Charge shall be determined in accordance with subdivision (b) of this article on the basis of the relevant values to be set forth for the respective aqueduct reaches in Table L, included in Article 24; *provided* that these values shall be subject to redetermination by the State in accordance with Article 28. Such amounts and any appropriate interest thereon for costs incurred prior to the Billing Transition Date shall be set forth by the State in Table M as soon as designs and cost estimates have been prepared by it subsequent to receipt of requests from the District as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of Project Water to the District, pursuant to Article 17(a); *provided* that the amounts set forth in Table M shall be subject to redetermination by the State in accordance with Article 28.

TABLE M
TRANSPORTATION CHARGE -- MINIMUM OPERATION MAINTENANCE, POWER,
AND REPLACEMENT COMPONENT
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

Year	Total Annual Payment by District*
1**	
2	
3	
4	

* Payment shall start with respect to each aqueduct reach in the year following the year in which the State completes construction of the respective reach.

** Year in which the State commences construction of Project Transportation Facilities.

(This table was labeled Table E in original contract provisions)

(d) **Off-Aqueduct Power Facilities.** Notwithstanding the provisions of subdivisions (a) through (c) of this Article or of Article 1(h), the costs of off-aqueduct power facilities shall be determined and allocated as follows:

(1) The off-aqueduct power costs shall include all annual costs the State incurs for any off-aqueduct power facility, which shall include, but not be limited to, power purchases, annual Financing Costs, and associated operation and maintenance costs of such facility, less any credits, interest earnings, or other monies received by the State in connection with such facility or Revenue Bonds issued to finance the Capital Costs of such facility. In the event the State finances all or any part of an off-aqueduct power facility directly from funds other than bonds or borrowed funds, in lieu of such annual principal and interest payments, the repayment of Capital Costs as to that part financed by such other funds shall be determined on the basis of the schedule that would have been required under Article 24.

(2) The annual costs of off-aqueduct power facilities as computed in (1) above shall initially be allocated among Contractors in amounts which bear the same proportions to the total amount of such power costs that the total estimated electrical energy (kilowatt hours) required to pump through Project Transportation Facilities the desired delivery of Annual Table A Amounts for that year, as submitted pursuant to Article 12(a)(1) and as may be modified by the State pursuant to Article 12(a)(2), bears to the total estimated electrical energy

(kilowatt hours) required to pump all such amounts for all Contractors through Project Transportation Facilities for that year, all as determined by the State.

(3) An interim adjustment in the allocation of the power costs calculated in accordance with (2) above, may be made in May of each year based on April revisions in approved schedules of deliveries of project and nonproject water for Contractors for such year. A further adjustment shall be made in the following year based on actual deliveries of project and nonproject water for Contractors; *provided, however*, that in the event no deliveries are made through a pumping plant, the adjustments shall not be made for that year at that plant.

(4) To the extent the monies received or to be received by the State from all Contractors for off-aqueduct power costs in any year are determined by the State to be less than the amount required to pay the off-aqueduct power costs in such year, the State may allocate and charge that amount of off-aqueduct power costs to the District and other Contractors in the same manner as costs under the capital component of the Transportation Charge are allocated and charged. After that amount has been so allocated, charged and collected, the State shall provide a reallocation of the amounts allocated pursuant to this paragraph (4), such reallocation to be based on the allocations made pursuant to (2) and (3) above for that year, or in the event no such allocation was made for that year, on the last previous allocation made pursuant to (2) and (3) above. Any such reallocation of costs incurred prior to the Billing Transition Date shall include appropriate interest thereon at the Project Interest Rate.

(e) The total minimum operation, maintenance, power and replacement component due that year from each Contractor shall be the sum of the allocations made under the proportionate use of facilities method provided in subdivision (b) of this article and the allocations made pursuant to subdivision (d) of this article for each Contractor.

(f) Notwithstanding provisions of Articles 25(a) through 25(c) and 25(e), minimum operation, maintenance, power, and replacement costs associated with deliveries through East Branch Enlargement Facilities as defined in Article 49(a) shall be collected under the minimum operation, maintenance, power, and replacement component of the East Branch Enlargement Transportation Charge as determined under Article 49(e).

26. TRANSPORTATION CHARGE -- VARIABLE OPERATION, MAINTENANCE AND POWER COMPONENT.

The provisions of this article shall apply to costs Incurred both prior to and on or after the Billing Transition Date.

(a) **Purpose.** The variable operation, maintenance, and power component of the Transportation Charge shall return to the State those costs of the Project Transportation Facilities necessary to deliver water to the Contractor which constitute operation, maintenance, power and replacement costs Incurred in an amount which is dependent upon and varies with the amount of Project Water delivered to the Contractor and which are allocated to the Contractor pursuant to (1) and (2) below; *provided* that to the extent permitted by law, the State may establish reserve funds to meet anticipated variable replacement costs; and deposits in such reserve funds by the State: (1) shall be made in such amounts that such reserve funds will be adequate to meet such anticipated costs as they are incurred, and (2) shall be deemed to be a part of the variable replacement costs for the year in which such deposits are made.

(b) **Determination.** The amount of this variable operation, maintenance, and power component shall be determined as follows:

(1) *Determination of Charge Per Acre-Foot.* There shall be computed for each calendar year for each aqueduct reach of the Project Transportation Facilities a charge per acre-foot of water which will return to the State the total projected variable operation, maintenance and power costs of the reach for such calendar year. This computation shall be made by dividing such total by the number of acre-feet of Project Water estimated to be delivered from or through the reach to all Contractors during the year.

(2) *Determination of Charge Per Reach to the Contractor.* The amount of the variable component shall be the product of the sum of the charges per acre-foot of water, determined under (1) above, for each aqueduct reach necessary to deliver water to the Contractor, and the number of acre-feet of Project Water delivered to the Contractor during the year through such reach; *provided* that when Project Water has been requested by a Contractor and delivery thereof has been commenced by the State, and, through no fault of the State, such water is wasted as a result of failure or refusal by the Contractor to accept delivery thereof, the amount of such variable component to be paid by such Contractor during such period shall be the product of the above sum and the sum of the number of acre-feet of Project Water delivered to the Contractor and the number of acre-feet wasted.

(c) **Credit Relating to Project Aqueduct Power Recovery Plants.** There shall be credited against the amount of the variable operation, maintenance, and power component to be paid by each Contractor, as determined pursuant to subdivision (a) of this article, a portion of the projected net value of any power recovered during the

respective year at project aqueduct power recovery plants located upstream on the particular aqueduct reach from the delivery structures for delivery of Project Water to the Contractor. Such portion shall be in an amount which bears the same proportion to such projected net value that the number of acre-feet of Project Water delivered to the Contractor through such plants during the year bears to the number of acre-feet of Project Water delivered to all Contractors through such plants during the year.

(d) **Determination of Total Variable Component Charge.** The amount to be paid each year by the District under the variable operation, maintenance, and power component of the Transportation Charge shall be determined in accordance with subdivision (a) of this article for the respective aqueduct reaches in Table L included in Article 24. Such amounts and any appropriate interest thereon for costs incurred prior to the Billing Transition Date shall be set forth by the State in Table N as soon as designs and cost estimates are prepared by it subsequent to receipt of requests from the District as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of Project Water to the District, pursuant to Article 17(a); *provided* that the amounts set forth in Table N shall be subject to redetermination by the State in accordance with Article 28.

**TABLE N
TRANSPORTATION CHARGE -- ESTIMATED VARIABLE OPERATION,
MAINTENANCE, AND POWER COMPONENT
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

Year	Total Annual Payment by District*
1**	
2	
3	
4	

* Payments start with year of initial water delivery.

** Year in which the State commences construction of the Project Conservation Facilities.

(This table was labeled Table F in original contract provisions)

(e) **No Separate Variable Component for East Branch Enlargement Facilities.** There shall be no separate variable operation, maintenance, and power component for deliveries of water through East Branch Enlargement Facilities defined in Article 49(a).

27. TRANSPORTATION CHARGE -- REPAYMENT SCHEDULE.

The amounts to be paid by the District for each year under the Capital Cost and minimum operation, maintenance, power, and replacement components of the Transportation Charge, and under the variable operation, maintenance, and power component of such charge on the basis of then estimated deliveries, shall be set forth by the State in Table O as soon as designs and cost estimates have been prepared by it subsequent to receipt of requests from the District as to the maximum monthly delivery capability to be provided in each aqueduct reach for transport and delivery of Project Water to the District, pursuant to Article 17(a), which Table O shall constitute a summation of Tables I, K, M, and N; *provided* that each of the amounts set forth in Table O shall be subject to redetermination by the State in accordance with Article 28; *provided further* that the principles and procedures set forth in Articles 24, 25, and 26 shall be controlling as to such amounts. Such amounts shall be paid by the District in accordance with the provisions of Article 29.

**TABLE O
REPAYMENT SCHEDULE--TRANSPORTATION CHARGE
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

Year	Capital Cost Component	Minimum Component	Variable Component	Total
1*				
2**				
3				
4				

* Year in which State commences construction of Project Transportation Facilities.

** Year of first payment.

(This table was labeled Table G in original contract provisions)

**28. DELTA WATER CHARGE AND TRANSPORTATION CHARGE --
REDETERMINATION.**

(a) **Redetermination of Transportation Charges for Costs Incurred Prior to the Billing Transition Date.** The provisions of this subdivision (a) shall apply only to costs Incurred prior to the Billing Transition Date.

(1) *Determinative Factors Subject to Retroactive Change.* The State shall redetermine the values and amounts set forth in Tables H through O (referred to in the original contract provisions as Tables B through G) of this contract in the year following the year in which the State commences construction of the Project Transportation Facilities and each year thereafter during the Project Repayment Period in order that the Transportation Charge to the District and the components thereof may accurately reflect the increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State Incurred prior to the Billing Transition Date to construct the Project Transportation Facilities described in Table G of this contract, Annual Table A Amounts, estimated deliveries, Project Interest Rate, and all other factors which are determinative of such charges. In addition, each such redetermination shall include an adjustment of the components of the Transportation Charge to be paid by the District for succeeding years which shall account for the differences, if any, between those factors used by the State in determining the amounts of such components for all preceding years and the factors as then currently known by the State. Such adjustment shall be computed by the State and paid by the District or credited to the District's account in the manner described in (b) and (c) below.

(2) *Adjustment: Transportation Charge -- Capital Component For Costs Incurred Prior to the Billing Transition Date.* Adjustments for prior underpayments or overpayments of the capital component of the Transportation Charge to the District for costs Incurred prior to the Billing Transition Date, together with accrued interest charges or credits thereon computed at the then current Project Interest Rate on the amount of the underpayment or overpayment and compounded annually for the number of years from the year the underpayment or overpayment occurred to and including the year following the redetermination, shall be paid in the year following the redetermination; *provided* that the District may elect to exercise the option whereby when the redetermined Transportation Charge for the following year, with adjustments, including adjustments of the operation, maintenance, power, and replacement components provided for in subdivision (a)(3) of this article, is more or less than the last estimate of the charge provided pursuant to Article 27 for the corresponding year, without adjustments, an amount equal to the total of such difference shall be deducted

from or added to the adjusted capital component for that year and paid or credited in accordance with the following schedule:

Percent that Transportation Charge for costs Incurred prior to the Billing Transition Date differs from last estimate (+ or -)	Period, in years, for amortizing the difference in indicated charge
for 10% or less	no amortization
more than 10%, but not more than 20%	2
more than 20%, but not more than 30%	3
more than 30%, but not more than 40%	4
more than 40%	5

Such payments or credits shall be equal semi-annual amounts of principal and interest on or before the 1st day of January and the 1st day of July, with interest computed at the Project Interest Rate and compounded annually, during varying amortization periods as set forth in the preceding schedule; *provided* that for the purpose of determining the above differences in the Transportation Charge for costs Incurred prior to the Billing Transition Date, the variable operation, maintenance, and power component shall be computed on the basis of the same estimated Project Water deliveries as was assumed in computing pursuant to Article 26(c).

(3) *Adjustment: Transportation Charge -- Minimum and Variable Components for costs Incurred prior to the Billing Transition Date.* One-twelfth of the adjustments for prior underpayments or overpayments of the District's minimum and variable operation, power, and replacement components for each year shall be added or credited to the corresponding components to be paid in the corresponding month of the year following the redetermination, together with accrued interest charges or credits thereon computed at the then current Project Interest Rate on the amount of the underpayment or overpayment and compounded annually for the number of years from the year the underpayment or overpayment occurred to and including the year following the redetermination.

(4) *Exercise of Option.* The option provided for in subdivision (a)(2) of this article shall be exercised in writing on or before the January 1 due date of the first payment of the capital component of the Transportation Charge for the year in which the option is to become effective. Such option, once having been exercised, shall be applicable for all of the remaining years of the Project Repayment Period.

(5) *Project Interest Rate Adjustments.* Notwithstanding the provisions of subdivision (a)(2) of this article, adjustments for prior overpayments and

underpayments shall be repaid beginning in the year following the redetermination by application of a unit rate per acre-foot which, when paid for the projected portion of the District's Annual Table A Amount will return to the State, during the Project Repayment Period, together with interest thereon computed at the Project Interest Rate and compounded annually, the full amount of the adjustments resulting from financing after January 1, 1987, from all bonds, advances, or loans listed in Article 1(ad) except for Article 1(ad)(3) and except for bonds issued by the State under the Central Valley Project Act after January 1, 1987 for facilities not listed among the Water System Facilities in Article 1(ap). Notwithstanding the immediately preceding exception, such amortization shall also apply to any adjustments in this component charge resulting from a change in the Project Interest Rate due to any refunding after January 1, 1986 on bonds issued under the Central Valley Project Act. However, amortization of adjustments resulting from items listed in subdivisions (1)(ad)(4) through (7) of Article 1 shall be limited to a period which would allow the Department to repay the debt service on a current basis until such time as bonds are issued to reimburse the source of such funding. In no event shall this amortization period be greater than the Project Repayment Period.

(6) *No Adjustment of Water System Facility Revenue Bond Financing Costs.* The use of Water System Facility Revenue Bonds for financing facilities listed in Article 1(ap) shall not result in adjustments for prior underpayments or overpayments of the capital component of the Transportation Charge to the District under the provisions of this article. In place of making such adjustments, charges to the District for Water System Facility Revenue Bond Financing Costs will be governed by Article 50(a).

(b) **Redetermination of Delta Water Charges and Transportation Charges for Costs Incurred On or After the Billing Transition Date.** The provisions of this subdivision (b) shall apply only to costs Incurred on or after the Billing Transition Date.

(1) *Determinative Factors Subject to Retroactive Change.* The State shall redetermine the values and amounts set forth in Tables B through F and Tables J through O of this contract each calendar year commencing on or after the Billing Transition Date in order that the Delta Water Charge and the Transportation Charge to the District for costs Incurred on or after the Billing Transition Date and the components thereof may accurately reflect the increases or decreases from year to year in projected costs, outstanding reimbursable indebtedness of the State Incurred to construct Project Conservation Facilities and Project Transportation Facilities, Annual Table A Amounts, estimated deliveries, and all other factors which are determinative of such charges. In addition, each such redetermination shall include an adjustment of the components of the Delta Water Charge and Transportation Charge to be paid by the District for succeeding years which shall account for the differences, if any, between those factors used by the State in determining the amounts of such components for all preceding years and the factors as then currently known by the State, as

applicable. Such adjustment shall be computed by the State and paid by the District or credited to the District's account in the manner described in subdivisions (b)(2) and (b)(3) of this article.

(2) Adjustment: Delta Water Charge and Transportation Charge -- Capital Components for Costs Incurred On or After the Billing Transition Date. Adjustments for prior underpayments or overpayments of the capital component of the Delta Water Charge and the Transportation Charge to the District for costs incurred on or after the Billing Transition Date shall be paid in the year following the redetermination.

(3) Adjustment: Delta Water Charge and Transportation Charge -- Minimum and Variable Components for Costs Incurred On or After the Billing Transition Date One-twelfth of the adjustments for prior underpayments or overpayments of the District's minimum operation, maintenance, power, and replacement component and variable operation, maintenance and power component of the Delta Water Charge and Transportation Charge for each year shall be added or credited to the corresponding components to be paid in the corresponding month of the year following the redetermination.

29. TIME AND METHOD OF PAYMENT OF DELTA WATER CHARGE AND TRANSPORTATION CHARGE.

The provisions of this article shall apply to costs Incurred both prior to and on or after the Billing Transition Date. References to the Delta Water Charge shall include the Delta Water Charge for costs Incurred prior to the Billing Transition Date and the Delta Water Charge for costs Incurred on or after the Billing Transition Date, separately, as applicable, and references to the Transportation Charge shall include the Transportation Charge for costs Incurred prior to the Billing Transition Date and the Transportation Charge for costs Incurred on or after the Billing Transition Date, separately, as applicable.

(a) Initial Payments.

(1) *Delta Water Charge.* Payments by the District under the Delta Water Charge shall commence in the Year of Initial Water Delivery to the District.

(2) *Capital Component of the Transportation Charge.* Payments by the District under the capital component of the Transportation Charge shall commence in the year following the year in which the State commences construction of the Project Transportation Facilities.

(3) *Minimum Operation, Maintenance, Power, and Replacement Component.* Payments by the District under the minimum operation, maintenance, power, and replacement component of the Transportation Charge shall commence for each aqueduct reach in the year following the year in which construction of that reach is completed.

(4) *Variable Operation, Maintenance, Power, and Replacement Component.* Payments by the District under the variable operation, maintenance, power and replacement component of the Transportation Charge shall commence in the Year of Initial Water Delivery to the District.

(b) Annual Statement of Charges. The State shall, on or before July 1 of each year, commencing with the year preceding the year in which payment of the respective charge is to commence pursuant to this article, furnish the District with a written statement of the following items:

(1) the charges to the District for the next succeeding year under the capital components and minimum operation, maintenance, power, and replacement components of the Delta Water Charges and Transportation Charges; *provided* that charges for Financing Costs shall be stated as separate items in the Statement of Charges;

(2) the unit charges to the District for the next succeeding year under the variable operation, maintenance, power and replacement components of the

Delta Water Charge and Transportation Charge; and

(3) the total charges to the District for the preceding year under the variable operation, maintenance, power and replacement components of such Delta Water Charge and Transportation Charge; *provided* that through December 31, 1969, the Delta Water Charge shall be based upon a unit rate of \$3.50 per acre-foot and shall be paid by the Contractors on the basis of their respective Annual Table A Amounts, as provided in Article 22(b).

All such statements shall be accompanied by the latest revised copies of the documents amendatory to Article 22 and of the tables included in Articles 24 through 27, together with such other data and computations used by the State in determining the amounts of the above charges as the State deems appropriate.

(c) **Monthly Statements.** The State shall, on or before the fifteenth day of each month of each year, commencing with the Year of Initial Water Delivery to the District, furnish the District with a statement of the charges to the District for the preceding month under the variable operation, maintenance, power and replacement components of the Delta Water Charge and Transportation Charge. Such charges shall be determined by the State in accordance with the relevant provisions of Articles 22 and 26 of this contract, upon the basis of metered deliveries of Project Water to the District, except as otherwise provided in those articles.

(d) **Semiannual Payments of Capital Components.** The District shall pay to the State, on or before January 1 of each year, one-half (1/2) of the charge to the District for the year under the capital component of the Delta Water Charge and one-half (1/2) of the charge to the District for the year under the capital component of the Transportation Charge, as such charges are stated pursuant to subdivision (b) of this article; and shall pay the remaining one-half (1/2) of each of such charges on or before July 1 of that year.

(e) **Monthly Payments of Minimum Operation, Maintenance, Power, and Replacement Component.** The District shall pay to the State, on or before the first day of each month of each year, one-twelfth (1/12) of the sum of the charges to the District for the year under the minimum operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge, respectively, as such charges are stated pursuant to subdivision (b) of this article.

(f) **Monthly Payments of Variable Operation, Maintenance, Power, and Replacement Component.** The District shall pay to the State on or before the fifteenth day of each month of each year, the charges to the District under the variable operation, maintenance, power, and replacement components of the Delta Water Charge and Transportation Charge, respectively, for which a statement was received by the District during the preceding month pursuant to subdivision (c) of this article, as such charges are stated in such statement.

(g) **Contest of Charges.** In the event that the District in good faith contests the accuracy of any statement submitted to it pursuant to subdivision (b) or (c) of this article, it shall give the State notice thereof at least ten (10) days prior to the day upon which payment of the stated amounts is due. To the extent that the State finds the District's contentions regarding the statement to be correct, it shall revise the statement accordingly, and the District shall make payment of the revised amounts on or before the due date. To the extent that the State does not find the District's contentions to be correct, or where time is not available for a review of such contentions prior to the due date, the District shall make payment of the stated amounts on or before the due date, but may make the contested part of such payment under protest and seek to recover the amount thereof from the State.

50. WATER SYSTEM FACILITY REVENUE BOND FINANCING COSTS.

(a) **Water System Facility Revenue Bonds to Finance Capital Costs Incurred Prior to the Billing Transition Date.** The provisions of this subdivision (a) shall apply to the Financing Costs of Revenue Bonds issued to finance Water System Facility Capital Costs Incurred prior to the Billing Transition Date. Charges to all Contractors for such Financing Costs shall return to the State each year an amount equal to the Financing Costs the State incurs in that year for such Water System Facility Revenue Bonds.

(1) *Elements of Charge.* Annual charges to recover such Water System Facility Revenue Bond Financing Costs shall consist of two elements.

(A) The first element shall be an annual charge to the District for repayment of Capital Costs of Water System Facilities as determined under Articles 22(a) and 24(a) of this contract with interest at the Project Interest Rate. For conservation facilities, the charge shall be a part of the capital component of the Delta Water Charge in accordance with the provisions of Article 22(a) applicable to Capital Costs Incurred prior to the Billing Transition Date. For transportation facilities, the charge shall be a part of the capital component of the Transportation Charge in accordance with the provisions of Article 24(a) applicable to Capital Costs Incurred prior to the Billing Transition Date.

(B) The second element shall be the District's share of a Water System Facility Revenue Bond Surcharge to be paid in lieu of a Project Interest Rate adjustment. The total annual amount to be paid by all Contractors under this element shall be the difference between the total annual charges under the first element and the annual Financing Costs of the related Water System Facility Revenue Bonds. The amount to be paid by each Contractor shall be calculated annually as if the Project Interest Rate were increased to the extent necessary to produce revenues from all Contractors sufficient to pay such difference for that year. In making that calculation, adjustments in the District's transportation capital component charges for prior overpayments and underpayments shall be determined as if amortized over the remaining years of the Project Repayment Period.

(2) *Identification of Surcharge on Invoices.* The Water System Facility Revenue Bond Surcharge will be identified in the District's invoice.

(3) *Timing of Surcharge Payments.* Surcharge payments shall be made in accordance with Article 29(f) of this contract.

(4) *Termination of Surcharge.* The Water System Facility Revenue Bond Surcharge under Article 50(a)(1)(B) shall cease for each series of Water System Facility Revenue Bonds when that series is fully repaid. However, the

annual charge determined pursuant to Article 50(a)(1)(A) shall continue to be collected for the time periods otherwise required under Articles 22 and 24.

(5) *Reduction of Charges.* After the Department has repaid the California Water Fund in full and after each series of Water System Facility Revenue Bonds is repaid, the Department will reduce the charges to all Contractors in an equitable manner in a total amount that equals the amount of the charges under Article 50(a)(1)(A) that the Department determines is not needed for future financing of facilities of the System which, in whole or in part, will serve the purposes of the water supply contract with the District.

(b) **Water System Facility Revenue Bonds to Finance Capital Costs Incurred On or After the Billing Transition Date.** The provisions of this subdivision (b) shall apply to the Financing Costs of Revenue Bonds issued to finance Water System Facility Capital Costs Incurred on or after the Billing Transition Date. Charges to all Contractors for such Financing Costs shall return to the State each year an amount equal to the Financing Costs the State incurs in that year for such Water System Facility Revenue Bonds. The amount of this charge shall be calculated in two steps as follows:

(1) *Allocation of Water System Facility Capital Costs.* Capital Costs Incurred on or after the Billing Transition Date of Water System Facilities that are conservation facilities shall be allocated among all Contractors in proportion to each Contractor's Maximum Annual Table A Amount. Capital Costs Incurred on or after the Billing Transition Date of Water System Facilities that are transportation facilities shall be allocated among all Contractors in accordance with Article 24(c).

(2) *Determination of Annual Financing Cost Amounts.* The State shall determine and charge the District each year the amount of the Financing Costs the State incurs in that year for the Water System Facility Revenue Bonds issued to finance such Water System Facility Capital Costs allocated to the District.

(c) **Provisions Applicable to All Water System Facility Revenue Bonds.** The provisions of this article shall apply to all Water System Facility Revenue Bonds.

(1) *Credits for Excess Amounts.* The State shall provide credits to the Contractors for excess reserve funds, excess debt service coverage, interest, and other earnings of the State in connection with payment of the Financing Costs of such Water System Facility Revenue Bonds, when and as permitted by the applicable bond resolution or indenture. When such credits are determined by the State to be available, such credits shall be promptly provided to the Contractors and shall be in proportion to the payments of Water System Facility Revenue Bond Financing Costs from each Contractor. Reserves, bond debt service coverage, interest, and other earnings may be used to retire bonds.

(2) *Allocation of Maturities Permitted.* When calculating charges for Water System Facility Revenue Bond Financing Costs, the State may allocate portions of particular maturities of Water System Facility Revenue Bonds and the Financing Costs associated with such maturities to particular Water System Facilities, in order to establish a reasonable relationship between the Economic Useful Life of such facilities and the term of bonds issued to finance such facilities, and may determine the Financing Costs allocated to the District on the basis of such maturity allocation.

(3) *Supplemental Bills for Unanticipated Financing Costs.* The State may submit a supplemental bill to the District for the year if necessary to meet unanticipated costs for Water System Facility Revenue Bond Financing Costs for which the State can issue a statement of charges under this article and any other article of this contract providing for payments that are pledged to the payment of Revenue Bonds issued to finance Project Facility Capital Costs allocated to the District. The relative amounts of any supplemental billing made to the District and to other Contractors for Revenue Bond purposes shall be governed by the otherwise applicable article. Payment of any supplemental billing shall be due thirty days after the date of the invoice.

(4) *Insurance on Contractor Obligations.* To the extent economically feasible and justifiable, as determined by the State after consultation with Contractors, the State shall maintain insurance or other forms of security protecting bondholders and non-defaulting Contractors against costs resulting from the failure of any Contractor to make the payments required by this article.

(5) *Consultation on Financing Plan.* Before issuing each series of Water System Facility Revenue Bonds, the State shall consult with the Contractors, prepare a plan for the State's future financing of Water System Facilities, and give the District an opportunity to comment on the plan. The plan shall include but not be limited to the size of any Water System Facility Revenue Bond issuances and the form of any necessary resolutions, indentures or supplements.

(6) *Defaults.*

(A) If a Contractor defaults partially or entirely on its payment obligations with respect to Water System Facility Revenue Bond Financing Costs and sufficient insurance or other security protecting the non-defaulting Contractors is not provided under subdivision (c)(4) of this article, the State shall allocate a portion of the default to each non-defaulting Contractor. The District's share of the default shall be equal to an amount determined by multiplying the total default amount to be charged to all non-defaulting Contractors by the ratio that the District's Maximum Annual Table A Amount bears to the total of the Maximum Annual Table A Amounts of all non-defaulting Contractors. However, such amount shall not exceed in any year 25 percent of the Water System

Facility Revenue Bond Financing Costs that are otherwise payable by the District in that year. The amount of default to be charged to non-defaulting Contractors shall be reduced by any receipts from insurance protecting non-defaulting Contractors and bond debt service coverage from a prior year and available for such purpose.

(B) If a Contractor defaults partially or entirely on its payment obligations under this article, the State shall also pursuant to Article 20, upon six months' notice to the defaulting Contractor, suspend water deliveries under Article 20 to the defaulting Contractor so long as the default continues. The suspension of water deliveries shall be proportional to the ratio of the default to the total Water System Facility Revenue Bond Financing Cost payments due from the defaulting Contractor. However, the State may reduce, eliminate, or not commence suspension of deliveries pursuant to this subparagraph if it determines suspension in the amounts otherwise required is likely to impair the defaulting Contractor's ability to avoid further defaults or that there would be insufficient water for human consumption, sanitation, and fire protection. The State may distribute the suspended water to the non-defaulting Contractors on terms it determines to be equitable.

(C) During the period of default, credits otherwise due the defaulting Contractor shall be applied to payments due from the defaulting Contractor.

(D) Except as otherwise provided in subparagraph (c) of this article, the defaulting Contractor shall repay the entire amount of the default to the State with interest compounded annually at the Surplus Money Investment Fund rate before water deliveries that had been suspended shall be fully resumed to that Contractor. If the defaulting Contractor makes a partial repayment of its default, the Department may provide a proportional restoration of suspended deliveries. The amount of the default to be repaid shall include any amounts previously received by the State from insurance proceeds, bond debt service coverage, or other reserves, and payments from other Contractors pursuant to this subparagraph (c)(6). The defaulting Contractor shall not be entitled to any

make-up water deliveries as compensation for any water deliveries suspended during the period when the Contractor was in default.

(E) At such time as the default amount is repaid by the defaulting Contractor, the non-defaulting Contractors shall receive credits in proportion to their contributions towards the amount of the default with interest collected by the State on the defaulted amount.

(F) In the event there is an increase in the amount a non-defaulting Contractor contributes to reserves and/or bond debt service coverage, such increase shall be handled in the same manner as provided in subparagraph (a) of this article.

(G) Action taken pursuant to this subdivision shall not deprive the State of or limit any remedy provided by this contract or by law for the recovery of money due or which may become due under this contract.

(7) *No Article 51 Reduction.* Amounts of Water System Facility Revenue Bond Financing Costs payable under this contract shall not be affected by any reductions in payments pursuant to Article 51.

(8) *Contract Extension.* In the event the Contract Extension Amendment takes effect, but not all Contractors sign the amendment, the following shall apply: If and to the extent that the charges under Article 50(b)(1) and 50(b)(2) of the water supply contracts of Contractors that have not executed the Contract Extension Amendment ("non-signing Contractors") are not sufficient to recover the annual Financing Costs that relate to Revenue Bonds issued to finance capital costs that are Incurred after the Billing Transition Date and are allocable to such non-signing Contractors, the amount of the shortfall shall be determined. Such shortfall shall be charged to the Contractors that have executed the Contract Extension Amendment ("signing Contractors") in proportion to each such signing Contractor's total Water System Facility Revenue Bond Financing Cost charges under Article 50(b) of this contract.

51. FINANCIAL ADJUSTMENTS.

(a) Article Expiration.

This Article 51 shall be effective through December 31, 2035 and shall be of no further effect on and after January 1, 2036; provided, however, that the provisions of this Article 51 may, to the extent applicable, continue to be used and applied on and after January 1, 2036 for the purpose of truing up amounts owed by the District to the State or by the State to the District for the calendar years up to and ending with calendar year 2035.

(b) State Water Facilities Capital Account.

(1) The State shall establish a State Water Facilities Capital Account to be funded from revenues available under Water Code section 12937(b)(4). Through procedures described in this article and as limited by this article, the State may consider as a revenue need under subdivision (c)(2)(v) of this article and may deposit in the State Water Facilities Capital Account the amounts necessary to pay capital costs of the State Water Facilities for which neither general obligation bond nor revenue bond proceeds are available, including but not limited to planning, reconnaissance and feasibility studies, the San Joaquin Valley Drainage Program and, through the year 2000, the CALFED Bay-Delta Program.

(2) The Director of the Department of Water Resources shall fully consult with the Contractors and consider any advice given prior to depositing funds into this account for any purposes. Deposits into this account shall not exceed the amounts specified in subdivision (c)(2)(v) of this article.

(3) The State shall use revenue bonds or other sources of moneys rather than this account to finance the costs of construction of any major capital projects.

(4) Five years following the Contract Extension Amendment Effective Date, the SWRDS Finance Committee shall review the State Water Facilities Capital Account to determine whether to recommend to the Director that this account be closed. If the Director determines to close the account, the State shall transfer any balance in the account to the SWRDS Support Account.

(5) Unless closed sooner, the State Water Facilities Capital Account shall terminate on December 31, 2035 and the State shall transfer any balance in such account to the SWRDS Support Account.

(c) Calculation of Financial Needs.

(1) Each year the State shall calculate in accordance with the timing provisions of Articles 29 and 31 the amounts that would have been charged (but for this article) to each Contractor as provided in other provisions of this contract.

(2) Each year the State shall also establish its revenue needs for the following year for the following purposes, subject to the following limitations:

(i) The amount required to be collected under the provisions of this contract, other than this article, with respect to all revenue bonds issued by the State for Project Facilities.

(ii) The amount required for payment of the reasonable costs of the annual maintenance and operation of the State Water Resources Development System and the replacement of any parts thereof as described in Water Code section 12937(b)(1). These costs shall not include operation and maintenance costs of any Federal Central Valley Project facilities constructed by the United States and acquired by the State of California after 1994, other than the State's share of the joint use facilities which include San Luis Reservoir, the San Luis Canal and related facilities.

(iii) The amount required for payment of the principal of and interest on the bonds issued pursuant to the Burns-Porter Act as described in Water Code section 12937(b)(2).

(iv) Any amount required for transfer to the California Water Fund in reimbursement as described in Water Code section 12937(b)(3) for funds utilized from said fund for construction of the State Water Resources Development System.

(v) For the years 1998 and thereafter, the amount needed for deposits into the State Water Facilities Capital Account as provided in subdivision (b) of this article, but (A) not more than \$6 million per year for the years 1998, 1999 and 2000, and (B) not more than \$4.5 million per year for the years 2001 and thereafter.

(3) The State shall reduce the annual charges in the aggregate for all Contractors by the amounts by which the hypothetical charges calculated pursuant to subdivision (c)(1) above exceed the revenue needs determined pursuant to subdivision (c)(2) above; provided that the reduction in annual charges in the aggregate for all Contractors shall not exceed \$48 million in any year beginning with the first calendar year following the Contract Extension Amendment Effective Date. The provisions regarding the reduction in annual charges that were in effect prior to the Contract Extension Amendment Effective Date shall continue to apply to the entire calendar year in which the Contract Extension Amendment Effective Date

occurs. The reductions under this article shall be apportioned among the Contractors as provided in subdivisions (d), (e), (f) and (g) of this article. Reductions to Contractors shall be used to reduce the payments due from the Contractors on each January 1 and July 1; provided, however, that to the extent required pursuant to subdivision (h) of this article, each Agricultural Contractor shall pay to the Agricultural Rate Management Trust Fund an amount equal to the reduction allocated to such Agricultural Contractor. Any default in payment to the trust fund shall be subject to the same remedies as any default in payment to the State under this contract. To determine whether the reduction in annual charges in the aggregate for all Contractors equals the \$48 million limit specified in this subdivision (c)(3), it shall be assumed that all Contractors have executed the Contract Extension Amendment and will share in the available rate reductions consistent with the proportions as provided in this contract, regardless of whether one or more Contractors do not receive a reduction under their respective Water Supply Contracts.

(4) The supplemental billing provisions authorized under this Article 51(c)(4) shall remain in effect through December 31, 2035, unless the Director determines in his or her discretion to eliminate the use of supplemental billing prior to that date or the Director in his or her discretion accepts a recommendation from the SWRDS Finance Committee to eliminate the use of supplemental billing prior to that date.

(i) The State shall inform the SWRDS Finance Committee if the available System cash balances are projected by the State to fall during the succeeding one hundred twenty (120) days to an amount below an amount equal to ninety (90) days operating expenditures. The SWRDS Finance Committee shall make a recommendation in light of such circumstances to the Director.

(ii) The State may submit a supplemental billing to the District for the year in an amount not to exceed the amount of the prior reductions for such year under this Article if necessary to meet unanticipated costs for purposes identified in Water Code Section 12937(b)(1) and (2) for which the State can issue billings under other provisions of this contract, subject to the following procedures and limitations:

(a) The State may only issue supplemental bills pursuant to the provisions of this Article 51(c)(4) when available System cash

balances are projected to be less than the amount equal to 90 days operating expenditures.

(b) The term "available System cash balances," for purposes of subdivision (a) of this Article 51(c)(4)(ii) shall mean available amounts in the following California Water Resources Development Bond Fund accounts: System Revenue Account (to the extent the funds in the System Revenue Account are not projected to be needed for payment of Burns-Porter General Obligation Bond debt service within the next two years), General Operating Account, SWRDS Reinvestment Account, and SWRDS Support Account (to the extent the funds in the SWRDS Support Account are not projected to be needed for non-reimbursable expenditures within the next two years).

(c) The term "operating expenditures" for purposes of subdivision (a) of this Article 51(c)(4)(ii) shall mean the costs described in California Water Code Section 12937(b) chargeable to the State Water Project as water supply.

(d) Any supplemental billing made to the District for these purposes shall be in the same proportion to the total supplemental billings to all Contractors for these purposes as the prior reduction in charges to the District in that year bears to the total reduction in charges to all Contractors in that year and shall be treated as reducing the amount of the reduction made available for that year to the Contractor by the amount of the supplemental bill to the Contractor.

(5) The State may also submit a supplemental billing to the District for the year if necessary to meet unanticipated costs for revenue bond debt service and coverage for which the State can issue a statement of charges under provisions of this contract other than this article. The relative amounts of any supplemental billing made to the District and to other Contractors for revenue bond purposes shall be governed by such other applicable provisions of this contract.

(6) Payment of any supplemental billing shall be due thirty days after the date of the invoice. Delinquency and interest on delinquent amounts due shall be governed by Article 32.

(d) Apportionment of Reductions between Agricultural and Urban Contractors.

(1) Commencing with the first calendar year following the Contract Extension Amendment Effective Date, the State shall apportion available reductions for each year in accordance with this Article.

(2) Annual reductions in the aggregate amount of \$48 million are projected to be available in the first calendar year following the Contract Extension Amendment Effective Date and each succeeding year through calendar year 2035 and shall be applied as follows:

(i) If reductions are available in an aggregate amount that equals \$48 million, \$11,856,000 of reductions shall be apportioned among the Agricultural Contractors, and \$36,144,000 of reductions shall be apportioned among the Urban Contractors.

(ii) If reductions are available in an aggregate amount less than \$48 million in any of these years, the reductions shall be divided on a 24.7%-75.3% basis between the Agricultural Contractors and the Urban Contractors respectively.

(3) No Contractor shall be entitled to receive in any year any additional reductions, including any additional reductions to make up for deficiencies in past projected reductions and any additional reductions above an aggregate annual amount of \$48 million.

(4) Reductions in annual charges to a Contractor pursuant to this Article 51 (d) shall only be made prospectively beginning with the later of the first calendar year following the Contract Extension Amendment Effective Date or the first calendar year following the date the Contractor executes the Contract Extension Amendment. Apportionments of reductions shall be calculated on the assumption that all Contractors have executed such amendment.

(e) Revenues and Reports.

(1) Each year, beginning with the first calendar year commencing after the Contract Extension Amendment Effective Date, the Director shall determine the amount of available Article 51(e) Amounts. The Director shall determine the aggregate amount that would have been charged to all Contractors in any year but for this Article 51 and from that amount shall deduct the sum of

(i) the amount of revenues needed for the purposes specified in subdivisions (c)(2)(i), (ii), (iii), (iv) and (v) plus

(ii) \$48 million.

The remaining amount, if any, shall be referred to herein as "Article 51(e) Amounts".

(2) The State shall allocate available Article 51(e) Amounts as follows: The Director in his or her discretion shall allocate and transfer or deposit up to 80% of available Article 51(e) Amounts, as determined on a projected basis, and up to 100% of available Article 51(e) Amounts, as determined on an actual basis, into the General Operating Account, the SWRDS Support Account and/or the SWRDS Reinvestment Account. Any Article 51(e) Amounts determined on an actual basis to be remaining in the Systems Revenue Account after the Director allocates and transfers such amounts to the General Operating Account, the SWRDS Support Account and/or the SWRDS Reinvestment Account shall remain in the Systems Revenue Account and shall be tracked separately in the State's Financial Information System. The Director shall have full discretion regarding the use of the amounts remaining in the Systems Revenue Account.

(3) The State shall prepare and distribute an Annual Rate Reduction Determination Report setting out the factors used to determine reductions in rates pursuant to Article 51(c). The report shall include a display of the distribution of gross annual revenues before, among other items, recreation and fish and wildlife expenditures, contributions to the State Water Facilities Capital Account and reduction in rates pursuant to Article 51(c). The report shall also include a display of the distribution and/or allocation of net annual revenues after reduction in rates pursuant to Article 51(c), to the General Operating Account, SWRDS Support Account, SWRDS Reinvestment Account, 51(e) Sub-Account of the Systems Revenue Account, Davis-Dolwig Fund, State Water Facilities Capital Account, and Suspended Costs, as applicable.

(4) The System Financial Activity Report, which is required to be prepared quarterly pursuant to Article 61(d), shall include annual and accumulated Article 51(e) Amounts and expenditure activity, including the beginning balance, the annual activity and the ending balance for the year for each fund or account into which Article 51(e) Amounts have been transferred or deposited. The System Financial Activity Report should also have sufficient detail to provide comprehensive accounting of annual Article 51(e) Amounts and the uses of the annual Article 51(e) Amounts to enable the SWRDS Finance Committee to assess the use of these amounts.

(f) Apportionment of Reductions Among Urban Contractors.

Reductions in annual charges apportioned to Urban Contractors under subdivision (d) of this article shall be further allocated among Urban Contractors pursuant to this subdivision. The amount of reduction of annual charges for each Urban Contractor shall be based on each Urban Contractor's proportionate share of total allocated capital costs as calculated below, for both project conservation and project transportation facilities, repaid by all Urban Contractors over the project repayment period.

(1) The conservation capital cost component of the reduction allocation shall be apportioned on the basis of maximum annual Table A amount. Each Urban Contractor's proportionate share shall be the same as the percentage of that Contractor's maximum annual Table A amount to the total of all Urban Contractors' maximum annual Table A.

(2) The transportation capital cost component of the reduction allocation shall be apportioned on the basis of transportation capital cost component repayment obligations, including interest over the project repayment period. Each Urban Contractor's proportionate share shall be the same as the percentage that the Contractor's total transportation capital cost component repayment obligation is of the total of all Urban Contractors' transportation capital cost component repayment obligations.

(i) Recalculations shall be made annually through the year 1999. Beginning in the year 2000 recalculations shall be made every five years unless an Urban Contractor requests a recalculation for an interim year and does so by a request in writing delivered to the Department by January 1 of the year in which the recalculation is to take place.

(ii) The transportation capital cost component repayment obligations, for purposes of this Article 51(f), shall be based in the year of recalculation on the then most recent Department of Water Resources Bulletin 132, Table B-15, "Capital Cost Component of Transportation Charge for Each Contractor," or its equivalent, excluding any costs or Table A amount associated with transfers of Table A amounts from Agricultural Contractors pursuant to Article 53.

(3) To reflect the relative proportion of the conservation capital cost component and the transportation capital cost component to the total of all capital cost repayment obligations, the two cost components shall be weighted as follows:

(i) The conservation capital cost component shall be weighted with a thirty percent (30%) factor. The weighting shall be accomplished by multiplying each Urban Contractor's percentage of maximum annual Table A Amounts as calculated in subdivision (f)(1) of this article by thirty percent (30%).

(ii) The transportation capital cost component shall be weighted with a seventy percent (70%) factor. The weighting shall be accomplished by multiplying each Urban Contractor's percentage of transportation capital cost component repayment obligations as calculated in subdivision (f)(2) of this article by seventy percent (70%).

(iii) A total, weighted capital cost percentage shall be calculated for each Urban Contractor by adding the weighted conservation capital cost component percentage to their weighted transportation capital cost component percentage.

(4) The total amount of the annual charges to be reduced to Urban Contractors in each year shall be allocated among them by multiplying the total amount of annual charges to be reduced to the Urban Contractors by the total, weighted capital cost percentages for each such Contractor. If the amount of the reduction to an Urban Contractor is in excess of that Contractor's payment obligation to the Department for that year, such excess shall be reallocated among the other Urban Contractors.

(5) In the case of a permanent transfer of urban Table A amounts, the proportionate share of annual charge reductions associated with that Table A amount shall be transferred with the Table A amount to the buying Contractor. In the case of an Table A amount transfer by either Santa Barbara County Flood Control and Water Conservation District or San Luis Obispo County Flood Control and Water Conservation District, the reductions in annual charges to that agency shall be allocated (a) on the basis of that Table A amount being retained by that agency which bears Coastal Branch Phase II transportation costs, (b) on the basis of that Table A amount being retained by that agency which does not bear Coastal Branch Phase II transportation costs, and (c) on the basis of the balance of that agency's Table A amount which also does not bear Coastal Branch Phase II transportation costs.

(g) Apportionment of Reductions Among Agricultural Contractors.

(1) Reductions in annual charges apportioned to Agricultural Contractors under subdivision (d) of this article shall be allocated among the Agricultural Contractors pursuant to this subdivision. The amount of reduction of annual charges for each Agricultural Contractor for the years 1997 through 2001 shall be based on each Agricultural Contractor's estimated proportionate share of the total project costs, excluding the variable operation, maintenance, power and replacement components of the Delta Water Charge and the Transportation Charge and also excluding off-aqueduct power charges, to be paid by all Agricultural Contractors for the years 1997 through 2035, calculated without taking into account this article. For purposes of these calculations, Kern County Water Agency's and Dudley Ridge Water District's estimated project costs shall not

include any costs associated with the 45,000 acre-feet of Annual Table A Amounts being permanently relinquished by those Contractors pursuant to subdivision (j) of Article 53. Also, for purposes of these calculations, an Agricultural Contractor's estimated project costs shall not be reduced by the transfer of any of the 130,000 acre-feet of Annual Table A Amounts provided for in subdivisions (a) through (i) of Article 53. The proportionate shares for 1997 through 2001 shall be calculated as follows:

(i) Each Agricultural Contractor's statement of charges received on July 1, 1994, shall be the initial basis for calculating the proportionate shares for the five years 1997 through 2001.

(ii) Each Agricultural Contractor's estimated capital and minimum components of the Delta Water Charge and the Transportation Charge (excluding off-aqueduct power charges) and Water Revenue Bond Surcharge shall be totaled for the years 1997 through 2035.

(iii) Kern County Water Agency and Dudley Ridge Water District totaled costs shall be reduced for the 45,000 acre-feet of annual Table A amount being permanently relinquished by them.

(iv) Any reductions in an Agricultural Contractor's totaled costs resulting from the transfer of any of the 130,000 acre-feet of annual Table A amount shall be re-added to that Contractor's costs.

(v) Each Agricultural Contractor's proportionate share shall be computed by dividing that Contractor's total costs by the total costs for all Agricultural Contractors determined pursuant to subparagraphs (ii), (iii) and (iv) above.

(2) The reductions in annual charges, for 1997 through 2001, shall be calculated using the method described in subdivision (g)(1) of this article.

(3) The allocation shall be recalculated using the same method described in subdivision (g)(1) of this article every five years beginning in 2002, if any Agricultural Contractor requests such a recalculation. Any recalculation shall be based on project cost data beginning with the year that the recalculation is to become effective through 2035.

(h) Agricultural Rate Management Trust Fund.

(1) Establishment. Through a trust agreement executed contemporaneously with this amendment, the State and the Agricultural Contractors that sign the Monterey Amendments shall establish the Agricultural Rate Management Trust Fund with a mutually agreed independent trustee.

(2) Separate Accounts. The trustee shall maintain within the trust fund a separate account for each Agricultural Contractor that signs the trust agreement to hold deposits made pursuant to this article.

(3) Deposits. Each Agricultural Contractor that signs the trust agreement shall deposit into such Contractor's account within the trust fund, at the same time as payments would otherwise be required by this contract to be made to the State, an amount equal to the amount by which such Contractor's charges under this contract have been reduced by reason of this article, until the balance in such Contractor's account within the trust fund is the same percentage of \$150,000,000 as such Contractor's percentage share of reductions made available to all Agricultural Contractors as specified in subdivision (g) of this article. In 2002 and every fifth year thereafter, the Agricultural Contractors will review the maximum accumulation in the trust fund (the "Cap") and determine whether the cap should be adjusted. However, the Cap shall not be reduced below an aggregate of \$150,000,000 for all Agricultural Contractor accounts.

(4) Trust Fund Disbursements.

(i) In any year in which the State's allocation of water to an Agricultural Contractor by April 15th of that year is less than one-hundred percent (100%) of the Contractor's requested annual Table A amount for that year, the trustee shall, to the extent there are funds in that Contractor's account, distribute to the State from such account for the benefit of that Contractor an amount equal to the percentage of the total of that Contractor's statement of charges for that year, as redetermined by the State on or about May 15th of that year, for (a) the Delta Water Charge; (b) the capital cost and minimum operation, maintenance, power and replacement components of the Transportation Charge (including off-aqueduct power charges); and (c) the water system revenue bond surcharge, that is equal to the percentage of that Contractor's annual Table A amount for that year that was not allocated to it by the State by April 15th of that year.

(ii) In addition to the provisions of subdivision (h)(4)(i) of this article, if on April 15 of any year any of the irrigable land within the Tulare Lake Basin Water Storage District (Tulare) is flooded, and Tulare in writing requests the trustee to do so, the trustee shall, to the extent there are funds in Tulare's account, distribute to the State from such account for the benefit

of Tulare an amount equal to the percentage of the total of Tulare's statement of charges for that year, as redetermined by the State on or about May 15th of that year, for (a) the Delta Water Charge; (b) the capital cost and minimum components of the Transportation Charge (including off-aqueduct power charges); and (c) the water system revenue bond surcharge, that is equal to the percentage of the irrigable land within Tulare that is flooded on April 15.

(iii) Each Agricultural Contractor shall remain obligated to make payments to the State as required by other articles in this contract. Any amount to be disbursed pursuant to subdivisions (h)(4)(i) and (h)(4)(ii) shall be paid by the trustee to the State on July 1 of the year involved and shall be credited by the State toward any amounts owed by such respective Agricultural Contractor to the State as of that date. However, an Agricultural Contractor may direct the trustee to make the disbursement to that Agricultural Contractor which shall in turn make the payment to the State as required by other provisions of this contract. If the amount to be disbursed exceeds the amount owed to the State by such Contractor as of July 1, the excess shall be disbursed by the Trustee to the State at the time of and in payment of future obligations owed to the State by such Contractor. Alternatively, upon the request of such Contractor, all or part of the excess shall be paid by the trustee to that Contractor in reimbursement of prior payments by the Contractor to the State for that year.

(5) Payment of Supplemental Bills. In any year in which a supplemental bill has been submitted to an Agricultural Contractor pursuant to subdivision (c)(4) of this article, such supplemental bill shall be treated as reducing by an equal amount the obligation of such Contractor for that year to make payments into the Agricultural Rate Management Trust Fund. To the extent that such Contractor has already made payments to the trust fund in an amount in excess of such Contractor's reduced trust fund payment obligation, such Contractor may request the trustee to use the excess from the trust fund to pay the supplemental bill.

(6) Discharge of Payment Obligation. Each payment to the State by the trust fund shall discharge and satisfy the Agricultural Contractor's obligation to pay the amount of such payment to the State. No reimbursement of the trust fund by the Agricultural Contractor for such payments shall be required. However, each Agricultural Contractor shall continue to make deposits to the trust fund matching the amount of each year's reductions as provided in subdivision (d) of this article so long as the amount in that Contractor's account is less than its share of the Cap.

(7) Distribution of Funds in Excess of the Cap. Whenever accumulated funds (including interest) in an Agricultural Contractor's account in the trust fund exceed that Contractor's share of the Cap, or the estimated remaining payments the Contractor is required to make to the State prior to the end of the project

repayment period, that Contractor may direct the trustee to pay such excess to the Contractor.

(8) Termination of Trust Fund. At the end of the project repayment period, the Agricultural Rate Management Trust Fund shall be terminated and any balances remaining in the accounts for each of the Agricultural Contractors shall be disbursed to the respective Agricultural Contractors.

(i) **Definitions. For the purposes of this article, the following definitions will apply:**

(1) "Agricultural Contractor" shall mean the following agencies as they now exist or in any reorganized form:

- (i) County of Kings,
- (ii) Dudley Ridge Water District,
- (iii) Empire West Side Irrigation District,
- (iv) Kern County Water Agency for 848,130 acre-feet of its Table A amount,
- (v) Oak Flat Water District,
- (vi) Tulare Lake Basin Water Storage District.

(2) "Urban Contractor" shall mean every other agency having a long term water supply contract with the State as they exist as of the date of this amendment or in any reorganized form as well as Kern County Water Agency for 134,600 acre-feet of its Table A amount.

(j) **Except as provided in subdivisions (c)(4) and (c)(5),** this article shall not be interpreted to result in any greater State authority to charge the Contractors than exists under provisions of this contract other than this article.

NEW CONTRACT ARTICLE

II. ARTICLE 61 IS ADDED TO THE CONTRACT AS A NEW ARTICLE AS FOLLOWS:

61. FINANCIAL ACCOUNTS AND ACTIVITIES

(a) General Operating Account

(1) The State shall maintain a General Operating Account to provide the moneys needed for the following purposes:

(i) To pay or provide for the payment of System costs which are reimbursable by one or more Contractors under their respective Water Supply Contracts in the event System revenues available for such payment are insufficient for such purpose; or

(ii) To pay or provide for the payment of System costs for any System purpose in the event of a System emergency as defined in Article 61(a)(1)(iii).

(iii) A System Emergency, as used in this Article 61(a)(1)(ii) shall mean an immediate, urgent, critical, unexpected, or impending situation that, in the judgment of the Director may cause or pose a risk of causing injury, loss of life, damage to the property, impairment of the financial condition, and/or interference with the normal activities of the System which requires immediate attention and remedial action.

(2) The maximum amount in the General Operating Account shall be set, adjusted and funded as follows:

(i) Upon the Contract Extension Amendment Effective Date, the maximum amount shall be \$150 million.

(ii) On or before the first September 1 occurring five (5) years after the Contract Extension Amendment Effective Date and every five (5) years thereafter, the State shall present a business case analysis of the maximum amount reasonably necessary or appropriate to be maintained in the General Operating Account, including an evaluation of the maximum amount and its relationship to the business risks associated with the System cash flow, to the SWRDS Finance Committee for recommendation to the Director regarding a General Operating Account maximum amount

adjustment, provided that the maximum amount shall not be less than \$150 million.

(iii) To fund the General Operating Account to its maximum amount, the Director may, in his or her discretion, transfer to the General Operating Account (1) amounts determined to be available pursuant to Article 51(e); (2) earnings from the investment of amounts in the General Operating Account; (3) amounts in the SWRDS Reinvestment Account; and (4) amounts in the SWRDS Support Account.

(iv) If the Director determines to decrease the maximum amount pursuant to Article 61(a)(2)(ii), or the maximum amount is otherwise exceeded, the excess amount in the General Operating Account shall be transferred to the SWRDS Reinvestment Account.

(v) The State shall replenish the amounts used from the General Operating Account (1) through charges to the Contractors to the extent the Contractors are obligated to reimburse the State for the costs paid with such amounts and (2) from the SWRDS Support Account or other available revenues (including the sources described in subparagraph (iii) of this Article 61(a)(2)) for costs not reimbursable by the Contractors under their respective Water Supply Contracts.

(vi) General Operating Account investment earnings shall be used to fund the General Operating Account to its maximum amount or, in the Director's discretion, transferred to the SWRDS Support Account and/or the SWRDS Reinvestment Account.

(3) The State shall prepare monthly reports on the balance in and use of the General Operating Account for the Director, and shall provide those reports to the SWRDS Finance Committee. The SWRDS Finance Committee may periodically review reporting frequency and make recommendations to the Director regarding reporting frequency.

(b) SWRDS Reinvestment Account

(1) Commencing with the Contract Extension Amendment Effective Date, the State shall establish and maintain a SWRDS Reinvestment Account to provide a continuing source of investment revenue to provide amounts to be transferred to or deposited in the General Operating Account, the SWRDS Reinvestment Account, and the SWRDS Support Account.

(2) To fund the SWRDS Reinvestment Account, the Director may, in his or her discretion, transfer to the SWRDS Reinvestment Account (i) amounts determined to be available pursuant to Article 51(e), (ii) earnings from the investment of amounts in the SWRDS Reinvestment Account, (iii) payments by

the Contractors for capital costs funded from the SWRDS Reinvestment Account, (iv) amounts from the SWRDS Support Account, and (v) amounts from the General Operating Account.

(3) Amounts in the SWRDS Reinvestment Account may be used and/or invested as follows:

(i) To pay capital costs of Project Facilities to the extent those costs are reimbursable by one or more Contractors under their respective Water Supply Contracts. Such capital costs shall be reimbursed to the State in accordance with item 5 of this subparagraph (b) below.

(ii) To pay capital costs of Project Facilities pending reimbursement of the State with the proceeds of revenue bonds issued by the State; and

(iii) To make temporary investments in accordance with the statutory limitations on such investments.

(4) The State shall prepare regular reports on the SWRDS Reinvestment Account for the Director and shall provide those reports to the SWRDS Finance Committee. The State shall consult with the SWRDS Finance Committee about the investments and activities to be funded from the SWRDS Reinvestment Account.

(5) *Amortization of Costs Financed with Amounts in the SWRDS Reinvestment Account.* Charges to amortize Project Facility Capital Costs paid with amounts from the SWRDS Reinvestment Account shall return to the State, in equal annual amounts over an amortization period determined by the State, the amount of each such cost together with an interest charge on the unamortized balance thereof.

(i) The length of such amortization periods may be from ten (10) to fifty (50) years, *provided* that if the capital asset has an Economic Useful Life of less than ten (10) years, the amortization period may be a comparable period of less than ten (10) years.

(ii) The interest charge shall be at a rate equal to the market interest rate at the time the cost is Incurred on municipal Revenue Bonds with the following characteristics:

(a) the same rating as the rating on Revenue Bonds issued by the State to finance Project Facilities, and

(b) the same term as the length of the amortization period, all as determined by the State.

(iii) For the purposes of this subdivision (b)(5), the State may aggregate the Capital Costs of each Project Facility Incurred during each calendar year and determine a composite interest rate and a composite amortization period applicable to the amortization of such costs.

(iv) The amortization charges relating to the costs Incurred during each calendar year shall commence the calendar year starting one year after the end of the calendar year in which such costs were Incurred, and the amount to be amortized shall include capitalized interest for the period from the date or dates the costs are Incurred to the date of commencement of amortization.

(c) SWRDS Support Account

(1) Commencing with the Contract Extension Amendment Effective Date, the State shall establish and maintain a SWRDS Support Account to provide a source of funds to pay System costs that are not chargeable to the Contractors under their respective Water Supply Contracts and for the payment of which there are no other monies available.

(2) To fund the SWRDS Support Account, the Director may, in his or her discretion, transfer to the SWRDS Support Account (i) amounts determined to be available pursuant to Article 51(e); (ii) amounts in the SWRDS Reinvestment Account, (iii) investment earnings in the General Operating Account; (iv) earnings from the investment of amounts in the SWRDS Support Account; and (v) other available revenues. The State shall not charge the District to replenish the SWRDS Support Account for costs not otherwise chargeable to the District under this contract.

(3) If the State is reimbursed or other amounts are appropriated and received for a cost paid from the SWRDS Support Account, the State shall deposit the amount reimbursed or received in the SWRDS Support Account.

(4) The State shall prepare regular reports on the SWRDS Support Account for the Director and shall provide those reports to the SWRDS Finance

Committee. The State shall consult with the SWRDS Finance Committee about the investments and activities to be funded from the SWRDS Support Account.

(d) System Financial Activity Report and Reporting Principles

(1) The State shall prepare and distribute quarterly a System Financial Activity Report that contains the following information:

(i) By fund or account, the activity in the following funds and accounts: the General Operating Account, the SWRDS Support Account, the SWRDS Reinvestment Account, the 51(e) Sub-Account of the Systems Revenue Account, the Davis-Dolwig Fund, and the State Water Facilities Capital Account, and the activity with respect to suspended costs.

(ii) The data in the System Financial Activity Report shall be auditable, which includes an audit trail from the costing ledger (currently the Utility Cost Accounting Billing System, as of the Contract Extension Amendment Effective Date) to the general ledger (currently SAP, as of the Contract Extension Amendment Effective Date) or the Bulletin 132 estimates to the System Financial Activity Report.

(2) Appendix B, entitled System Reporting Principles, contains principles and guidelines which shall be followed, to the extent applicable, in the preparation of System financial reports and financial management reports.

(e) State Water Resources Development System Finance Committee

(1) The State shall establish a joint State and Contractors finance committee, which shall be referred to as the State Water Resources Development System Finance Committee or SWRDS Finance Committee. The membership of the SWRDS Finance Committee shall include both representatives from the State and the Contractors.

(2) The primary purpose of the SWRDS Finance Committee shall be to make recommendations to the Director concerning the financial policies of the System. The State and the Contractors shall describe the scope of the SWRDS Finance Committee in a charter mutually agreeable to the State and the Contractors.

(f) Cost Recovery

In general, the State should seek reimbursement for all System costs from the appropriate customers and users of System facilities. With respect to those System costs that are reimbursable by the Contractors, the State should allocate

financial responsibility for such costs in a manner that is both lawful and equitable, and which endeavors to recover such costs from the appropriate Contractors. If the State proposes to not charge any Contractor the full amount that the State is entitled to charge the Contractor under the contract, the State shall present a written proposal to the SWRDS Finance Committee for purposes of developing a recommendation to the Director regarding the proposal. The State shall submit such proposal in writing to the SWRDS Finance Committee 90 days in advance of the Director issuing any decision and within such 90 day period the SWRDS Finance Committee shall provide the Director with a recommendation regarding such proposal. Such proposals shall comply with the structure set out in the SWRDS Finance Committee charter referenced in Article 61(e)(2).

NEW CONTRACT APPENDIX

III. APPENDIX B IS ADDED TO THE CONTRACT AS A NEW APPENDIX AND SHALL READ AS FOLLOWS:

APPENDIX B

SYSTEM REPORTING PRINCIPLES

- A. During the term of the water supply contracts, it is likely that financial reports and financial management reports will change in scope, nature, and frequency. Regardless of the exact reports used, such reports shall follow the below principles and guidelines to the extent applicable.
1. Principle 1: Financial reporting will be generated from the general ledger or data warehouse of the financial information system (system of record), such as SAP. The financial system of record is the authoritative source for financial reporting data values in a system. To ensure data integrity, there must be one, and only one, system of record for financial reporting values.
 2. Principle 2: Financial reporting is not limited to annual financial statements but will be developed for regular reporting periods.
 3. Principle 3: Financial management reporting generated from other financial systems, such as Utility Cost Accounting Billing System (UCABS), will identify and analyze significant variances from prior years or budgets.
 4. Principle 4: Financial reporting and financial management reporting will identify unusual items and exceptions, and these items will be documented, reviewed, and resolved by management.
 5. Principle 5: DWR will use standardized System-wide business rules and utilize a centralized financial system, such as SAP, UCABS, or other system, to provide controls/validations to ensure data integrity and reliable reporting.
 6. Principle 6: DWR will use standardized data integrity rules in the development and publication of reports, including but not limited to the following:
 - (1) Data integrity refers to the accuracy and consistency of data stored in a database, data warehouse, data mart or other construct.
 - (2) Data integrity processes verify that data has remained unaltered in transit from creation to reception or remains unaltered in transit from one system to the next. Data used outside of the Enterprise Resource Planning (ERP) systems to meet the reporting needs of Program will undergo any number of operations in support of decision-making, such as capture, storage,

retrieval, update and transfer. It is important to have confidence that during these operations, the data will be kept free from corruption, modification and remain unaltered.

- (3) Data with “integrity” has a complete or whole structure. Data values are standardized according to a data model and/or data type. All characteristics of the data must be correct – including business rules, relations, dates, definitions and lineage – for data to be complete.
- (4) Data integrity is imposed within an ERP database when it is created and is authenticated through the ongoing use of error checking and validation routines.
- (5) Data integrity state or condition is to be measured by the validity and reliability of the data values.
- (6) Data integrity service and security maintains information exactly as it was input, and is auditable to affirm its reliability.

The SWRDS Finance Committee is charged with providing financial policy recommendations to the Director, and the Director has final discretion on whether or not to accept the recommendations. While the SWRDS Finance Committee is not charged with reviewing the content of financial reports, timely and accurate financial reporting and financial management reporting provides technical committees access to useful information that can be used to formulate proposals on financial policy matters that may be brought to the SWRDS Finance Committee.

IT IS FURTHER MUTUALLY AGREED that the following provisions, which shall not be part of the Water Supply Contract text, shall be a part of this Amendment and be binding on the Parties.

AMENDMENT IMPLEMENTING AND ADMINISTRATIVE PROVISIONS

1. EFFECTIVE DATE OF CONTRACT EXTENSION AMENDMENT.

(a) The Contract Extension Amendment shall take provisional effect ("provisional effective date pursuant to subparagraph (a)") on the last day of the calendar month in which both of the following occur: (i) the State and 15 or more Contractors, with an aggregate maximum annual Table A amount exceeding 3,200,000 acre feet, have executed (or committed in a form satisfactory to the State to execute) the Contract Extension Amendment and (ii) no legal action addressing the validity or enforceability of the Contract Extension Amendment or any aspect thereof has been filed within sixty days of such execution or, if filed, a final judgment of a court of competent jurisdiction has been entered sustaining or validating the Contract Extension Amendments. Subject to subparagraph (b), the provisional effective date pursuant to paragraph (a) shall be the Contract Extension Amendment Effective Date if the conditions set out in subparagraph (e) are met.

(b) If any part of the Contract Extension Amendment of any Contractor is determined by a court of competent jurisdiction in a final judgment or order to be invalid or unenforceable, the Contract Extension Amendments of all Contractors shall be of no force and effect except as provided in subparagraph(c).

(c) The unenforceability and lack of effectiveness of all Contractors' Contract Extension Amendments as provided for in subparagraph (b) may be avoided only if the part of the Contract Extension Amendment determined to be invalid or unenforceable is explicitly waived in writing by the State and 15 or more Contractors, with an aggregate maximum annual Table A amount exceeding 3,200,000 acre feet , in which case the Contract Extension Amendment shall take provisional effect ("provisional effective date pursuant to subparagraph (c)") on the last day of the calendar month in which the requisite waivers are received, but only as to those Contractors submitting such a waiver in writing, subject to subparagraph (e). The provisional effective date pursuant subparagraph (c) shall become the Contract Extension Amendment Effective Date if the conditions set out in subparagraph (e) are met.

(d) If any Contractor has not executed a Contract Extension Amendment or has not submitted a waiver pursuant to subparagraph (c), whichever is applicable, within sixty (60) days of the provisional effective date pursuant to subparagraph (a) or the provisional effective date pursuant to subparagraph (c), as applicable, the amendment shall not take effect as to such Contractor, unless the Contractor and the State, in its discretion, thereafter execute such Contractor's contract extension amendment or the Contractor thereafter submits, and the State in its discretion accepts,

the waiver, whichever applies, in which case the Contract Extension Amendment Effective Date for purposes of that Contractor's contract and any associated terms shall be as agreed upon by the State and Contractor.

(e) (1) If at the end of the applicable 60-day period specified in subparagraph (d), 24 or more Contractors with an aggregate maximum annual Table A amount exceeding 3,950,000 acre feet have executed the amendment (or committed to execute the amendment in a form satisfactory to the State) or submitted a waiver pursuant to subparagraph (c), as applicable, the provisional effective date pursuant subparagraph (a) or the provisional effective date pursuant to subparagraph (c), as applicable, shall become the Contract Extension Amendment Effective Date.

(2) If at the end of the applicable 60 day period specified in subparagraph (d), 24 or more Contractors with an aggregate maximum annual Table A amount exceeding 3,950,000 acre feet have not executed (or committed to execute) the amendment or submitted a waiver pursuant to subparagraph (c), as applicable, then the State, after consultation with the Contractors that have executed (or committed to execute) the amendment or submitted a waiver, as applicable, shall within 30 days following such 60 day period determine in its discretion whether to make the provisional effective date pursuant to subparagraph (a) or the provisional effective date pursuant to subparagraph (c), as applicable, the Contract Extension Amendment Effective Date. The State shall promptly notify all Contractors of the State's determination. If the State determines, pursuant to this subparagraph 1(e)(2) to allow the contract amendment to take effect, it shall take effect only as to those Contractors consenting to the amendment taking effect pursuant to this subparagraph 1(e)(2)

(f) (1) During the pendency of a legal action addressing the validity or enforceability of the Contract Extension Amendment, the State and a minimum of 24 Contractors with an aggregate maximum annual Table A amount exceeding 3,950,000 acre feet which have executed (or committed to execute) the Contract Extension Amendment may agree in writing to waive any limitation barring the Contract Extension Amendment from taking effect until a final judgment of a court of competent jurisdiction has been entered (including to waive the "no force and effect " provision in subsection (b)) and instead allow the Contract Extension Amendment to take effect as to such Contractors, subject to such conditions, if any, agreed upon, by the State and such contractors. In such case, the State shall promptly notify all Contractors of the effective date of the Contract Extension Amendment.

(2) If, during the pendency of a legal action addressing the validity or enforceability of the Contract Extension Amendment, less than 24 Contractors with an aggregate maximum annual Table A amount exceeding 3,950,000 acre feet have agreed in writing to waive any limitation barring the Contract Extension Amendment from taking effect until a final judgment of a court of competent jurisdiction has been entered as provided in subsection (1)(f)(1) above, then a Contractor which has so agreed in writing may request the State to consider allowing the contract extension amendment to take effect with the agreement of less than 24 Contractors. Upon

receiving such a request, the State, after consultation with the Contractors that have agreed in writing to waive any limitation as provided in subsection (1)(f)(1) above, may determine in its discretion whether to allow the Contract Extension Amendment to take effect with less than 24 Contractors agreeing in writing to waive the limitation. The State shall promptly notify all Contractors if the State's determines to allow the Contract Extension Amendment to take effect, and include in such notice the effective date of the Contract Extension Amendment and any conditions that would apply. If the State determines, pursuant to this subparagraph 1(f)(2) to allow the contract amendment to take effect, it shall take effect only as to those Contractors consenting to the amendment taking effect pursuant to subparagraph 1(f)(1).

2. POST BILLING TRANSITION DATE ESTIMATES.

If the State determines it to be necessary, the State may rely on estimates and later true-up for billing and reporting purposes in the initial years after the Billing Transition Date.

3. WAIVER AND RELEASE.

Subject to the Contract Extension Amendment taking effect, the District does hereby forever waive, release and discharge the State, and its current and former officers, agents and employees, from any and all past and present protests, claims, damages, actions and causes of action of every kind and description, now existing or hereafter arising, known or unknown, that were or could be or could have been asserted relating to the State's adjustment made prior to the execution date of this Contract Extension Amendment in connection with the proportional responsibility, for System facilities south of and including the Dos Amigos Pumping Plant, between (i) water supply and (ii) recreation and fish and wildlife enhancement.

4. OTHER CONTRACT PROVISIONS.

Except as amended by this amendment, all provisions of the contract shall be and remain the same and in full force and effect, provided, however, that any reference to the definition of a term in Article 1, shall be deemed to be a reference to the definition of that term, notwithstanding that the definition has been re-lettered within Article 1. In preparing a consolidated contract, the parties agree to update all such references to reflect the definitions' lettering within Article 1.

5. COUNTERPART.

This Contract Extension Amendment may be signed in counterpart.

STATE WATER PROJECT WATER SUPPLY CONTRACT EXTENSION AMENDMENT
Execution Version

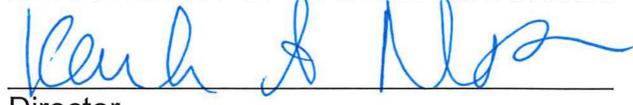
IN WITNESS WHEREOF, the Parties hereto have executed this Amendment on
the date first above written.

Approved as to Legal Form
and Sufficiency:



Chief Counsel
Department of Water Resources

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

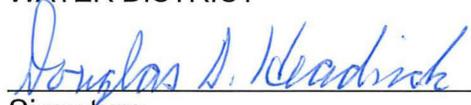


Director

4-16-19

Date

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT



Signature

General Manager

Title

February 19, 2019

Date

STATE OF CALIFORNIA
CALIFORNIA NATURAL RESOURCES AGENCY
DEPARTMENT OF WATER RESOURCES

AMENDMENT NO. 19 (THE WATER MANAGEMENT AMENDMENT)
TO WATER SUPPLY CONTRACT
BETWEEN
THE STATE OF CALIFORNIA DEPARTMENT OF WATER RESOURCES
AND
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT

THIS AMENDMENT to the Water Supply Contract is made this 24th day of February, 20 21 pursuant to the provisions of the California Water Resources Development Bond Act, the Central Valley Project Act, and other applicable laws of the State of California, between the State of California, acting by and through its Department of Water Resources, herein referred to as the "State," and San Bernardino Valley Municipal Water District, herein referred to as the "District."

TABLE OF CONTENTS

Recitals	3
Amended Contract Text.....	5
Article 1: Definitions	5
Article 21: Interruptible Water	5
Article 56: Use and Storage of Project Water Outside of Service Area and Article 56 Carryover Water	7
New Contract Articles	17
Article 57: Provisions Applicable to Both Transfers and Exchanges of Water	17
Water Management Amendment Implementing and Administrative Provisions ...	20
Effective Date of Water Management Amendment.....	20
Administration of Contracts Without Water Management Amendment.....	21
Other Contract Provisions.....	21
DocuSign	21

RECITALS

- A. The State and the District entered into and subsequently amended a water supply contract (the “contract”), dated December 30, 1960, providing that the State shall supply certain quantities of water to the District and providing that the District shall make certain payments to the State, and setting forth the terms and conditions of such supply and such payments; and
- B. The State and the District, in an effort to manage water supplies in a changing environment, explored non-structural solutions to provide greater flexibility in managing State Water Project (SWP) water supplies; and
- C. The State and the District, in an effort to support the achievement of the coequal goals for the Delta set forth in the Delta Reform Act, sought solutions to develop water supply management practices to enhance flexibility and reliability of SWP water supplies while the District is also demonstrating its commitment to expand its water supply portfolio by investing in local water supplies; and
- D. The State and the District, in response to the Governor’s Water Resiliency Portfolio, wish to maintain and diversify water supplies while protecting and enhancing natural systems without changing the way in which the SWP operates; and
- E. The State and the District sought to create a programmatic solution through transfers or exchanges of SWP water supplies that encourages regional approaches among water users sharing watersheds and strengthening partnerships with local water agencies, irrigation districts, and other stakeholders; and
- F. The State and the District, in an effort to comply with the Open and Transparent Water Data Platform Act (Assembly Bill 1755), sought means to create greater transparency in water transfers and exchanges; and
- G. The State, the District and representatives of certain other SWP Contractors have negotiated and agreed upon a document (dated May 20, 2019), the subject of which is “ Draft Agreement in Principle for the SWP Water Supply Contract Amendment for Water Management” (the “Agreement in Principle”); and
- H. The Agreement in Principle describes that the SWP Water Supply Contract Amendment for Water Management “supplements and clarifies terms of the SWP water supply contract that will provide greater water management regarding transfers and exchanges of SWP water within the SWP service area”; the principles agreed to achieve this without relying upon increased SWP diversions or changing the way in which the SWP operates, and are consistent with all applicable contract and regulatory requirements; and

- I. The State, the District and those Contractors intending to be subject to the contract amendments contemplated by the Agreement in Principle subsequently prepared an amendment to their respective Contracts to implement the provisions of the Agreement in Principle, and such amendment was named the “SWP Water Supply Contract Amendment for Water Management”; and
- J. The State and the District desire to implement continued service through the contract and under the terms and conditions of this “SWP Water Supply Contract Amendment for Water Management”;

NOW, THEREFORE, IT IS MUTUALLY AGREED that the following changes and additions are hereby made to the District's water supply contract with that State:

AMENDED CONTRACT TEXT

ARTICLE 1 IS AMENDED TO ADD THE FOLLOWING DEFINITIONS, PROVIDED THAT IF THIS WATER MANAGEMENT AMENDMENT TAKES EFFECT BEFORE THE CONTRACT EXTENSION AMENDMENT TAKES EFFECT, THE ADDITIONS HEREIN SHALL CONTINUE IN EFFECT AFTER THE CONTRACT EXTENSION AMENDMENT TAKES EFFECT NOTWITHSTANDING THE CONTRACT EXTENSION AMENDMENT'S DELETION AND REPLACEMENT OF ARTICLE 1 IN ITS ENTIRETY:

1. Definitions

- (au) **"Article 56 Carryover Water"** shall mean water that the District elects to store under Article 56 in project surface conservation facilities for delivery in a subsequent year or years.

ARTICLES 21 and 56 ARE DELETED IN THEIR ENTIRETY AND REPLACED WITH THE FOLLOWING TEXT:

21. Interruptible Water Service

(a) Allocation of Interruptible Water

Each year from water sources available to the project, the State shall make available and allocate interruptible water to contractors in accordance with the procedure in Article 18(a). Allocations of interruptible water in any one year may not be carried over for delivery in a subsequent year, nor shall the delivery of interruptible water in any year impact the District's approved deliveries of Annual Table A Amount or the District's allocation of water for the next year. Deliveries of interruptible water in excess of the District's Annual Table A Amount may be made if the deliveries do not adversely affect the State's delivery of Annual Table A Amount to other contractors or adversely affect project operations. Any amounts of water owed to the District as of the date of this amendment pursuant to former Article 12(d), any contract provisions or letter agreements relating to wet weather water, and any Article 14(b) balances accumulated prior to 1995, are canceled. The State shall hereafter use its best efforts, in a manner that causes no adverse impacts upon other contractors or the project, to avoid adverse economic impacts due to the District's inability to take water during wet weather.

(b) Notice and Process for Obtaining Interruptible Water

The State shall periodically prepare and publish a notice to contractors describing the availability of interruptible water under this Article. To obtain a supply of interruptible water, including a supply from a transfer of interruptible water, the District shall execute a further agreement with the State. The State will timely process such requests for scheduling the delivery of the interruptible water.

(c) Rates

For any interruptible water delivered pursuant to this Article, the District shall pay the State the same (including adjustments) for power resources (including on-aqueduct, off-aqueduct, and any other power) incurred in the transportation of such water as if such interruptible water were Table A Amount water, as well as all incremental operation, maintenance, and replacement costs, and any other incremental costs, as determined by the State. The State shall not include any administrative or contract preparation charge. Incremental costs shall mean those nonpower costs which would not be incurred if interruptible water were not scheduled for or delivered to the District. Only those contractors not participating in the repayment of the capital costs of a reach shall be required to pay any use of facilities charge for the delivery of interruptible water through that reach.

(d) Transfers of Interruptible Water

- (1) Tulare Lake Basin Water Storage District, Empire West-Side Irrigation District, Oak Flat Water District, and County of Kings may transfer to other contractors a portion of interruptible water allocated to them under subdivision (a) when the State determines that interruptible water is available.
- (2) The State may approve the transfer of a portion of interruptible water allocated under subdivision (a) to contractors other than those listed in (d)(1) if the contractor acquiring the water can demonstrate a special need for the transfer of interruptible water.
- (3) The contractors participating in the transfer shall determine the cost compensation for the transfers of interruptible water.

The transfers of interruptible water shall be consistent with Articles 56(d) and 57.

56. Use and Storage of Project Water Outside of Service Area and Article 56 Carryover Water

(a) State Consent to Use of Project Water Outside of Service Area

Notwithstanding the provisions of Article 15(a), the State hereby consents to the District storing Project Water in a groundwater storage program, project surface conservation facilities and in nonproject surface storage facilities located outside its service area for later use by the District within its service area and to the District transferring or exchanging Project Water outside its service area consistent with agreements executed under this contract.

(b) Groundwater Storage Programs

The District shall cooperate with other contractors in the development and establishment of groundwater storage programs. The District may elect to store Project Water in a groundwater storage program outside its service area for later use within its service area. There shall be no limit on the amount of Project Water the District can store outside its service area during any year in a then existing and operational groundwater storage program.

(1) Transfers of Annual Table A Amount stored in a groundwater storage program outside a contractor's service area.

In accordance with applicable water rights law and the terms of this Article, the District may transfer any Annual Table A Amount stored on or after the effective date of the Water Management Amendment in a groundwater storage program outside its service area to another contractor for use in that contractor's service area. These transfers must comply with the requirements of Articles 56(c)(4)(i)-(v), (6) and (7), and Article 57. The District will include these transfers in its preliminary water delivery schedule required in Article 12(a).

(2) Exchanges of any Annual Table A Amount stored in a groundwater storage program outside a contractor's service area.

In accordance with applicable water rights law and the terms of this Article, the District may exchange any Annual Table A

Amount stored on or after the effective date of the Water Management Amendment in a groundwater storage program outside its service area with another contractor for use in that contractor's service area. These exchanges must comply with the requirements in Article 56(c)(4)(i)-(v). The District shall include these exchanges in its preliminary water delivery schedule pursuant to Article 12(a).

(c) Article 56 Carryover Water and Transfers or Exchanges of Article 56 Carryover Water

- (1) In accordance with any applicable water rights laws, the District may elect to use Article 56 Carryover Water within its service area, or transfer or exchange Article 56 Carryover Water to another contractor for use in that contractor's service area in accordance with the provisions of subdivision (c)(4) of this Article. The District shall submit to the State a preliminary water delivery schedule on or before October 1 of each year pursuant to Article 12(a), the quantity of water it wishes to store as Article 56 Carryover Water in the next succeeding year, and the quantity of Article 56 Carryover Water it wishes to transfer or exchange with another contractor in the next succeeding year. The amount of Project Water the District can add to storage in project surface conservation facilities and in nonproject surface storage facilities located outside the District's service area each year shall be limited to the lesser of the percent of the District's Annual Table A Amount shown in column 2 or the acre-feet shown in column 3 of the following table, depending on the State's final Table A water supply allocation percentage as shown in column 1. For the purpose of determining the amount of Project Water the District can store, the final water supply allocation percentage shown in column 1 of the table below shall apply to the District. However, there shall be no limit to storage in nonproject facilities in a year in which the State's final water supply allocation percentage is one hundred percent. These limits shall not apply to water stored pursuant to Articles 12(e) and 14(b).

1. Final Water Supply Allocation Percentage	2. Maximum Percentage of District's Annual Table A Amount That Can Be Stored	3. Maximum Acre-Feet That Can Be Stored
50% or less	25%	100,000
51%	26%	104,000
52%	27%	108,000
53%	28%	112,000
54%	29%	116,000
55%	30%	120,000
56%	31%	124,000
57%	32%	128,000
58%	33%	132,000
59%	34%	136,000
60%	35%	140,000
61%	36%	144,000
62%	37%	148,000
63%	38%	152,000
64%	39%	156,000
65%	40%	160,000
66%	41%	164,000
67%	42%	168,000
68%	43%	172,000
69%	44%	176,000
70%	45%	180,000
71%	46%	184,000
72%	47%	188,000
73%	48%	192,000
74%	49%	196,000
75% or more	50%	200,000

- (2) Storage capacity in project surface conservation facilities at any time in excess of that needed for project operations shall be made available to requesting contractors for storage of project and Nonproject Water. If such storage requests exceed the available storage capacity, the available capacity shall be allocated among contractors requesting storage in proportion to their Annual Table A Amounts for that year. The District may store water in excess of its allocated share of capacity as long as capacity is available for such storage.
- (3) If the State determines that a reallocation of excess storage capacity is needed as a result of project operations or because of the exercise of a contractor's storage right, the available capacity shall be reallocated among contractors requesting storage in proportion to their respective Annual

Table A Amounts for that year. If such reallocation results in the need to displace water from the storage balance for any contractor or noncontractor, the water to be displaced shall be displaced in the following order of priority:

First, water, if any, stored for noncontractors;

Second, water stored for a contractor that previously was in excess of that contractor's allocation of storage capacity; and

Third, water stored for a contractor that previously was within that contractor's allocated storage capacity.

The State shall determine whether water stored in a project surface water conservation facility is subject to displacement and give as much notice as feasible of a potential displacement. If the District transfers or exchanges Article 56 Carryover Water pursuant to this subdivision to another contractor for storage in such facility, the State shall recalculate the amount of water that is subject to potential displacement for both contractors participating in the transfer or exchange. The State's recalculation shall be made pursuant to subdivision (4) of this Article.

(4) Transfers or Exchanges of Article 56 Carryover Water

The District may transfer or exchange its Article 56 Carryover Water as provided in this subdivision under a transfer or an exchange agreement with another contractor. Water stored pursuant to Articles 12(e) and 14(b) and Nonproject Water shall not be transferred or exchanged. Transfers or exchanges of Article 56 Carryover Water under this subdivision shall comply with subdivision (f) of this Article and Article 57 as applicable, which shall constitute the exclusive means to transfer or exchange Article 56 Carryover Water.

On or around January 15 of each year, the State shall determine the maximum amount of Article 56 Carryover Water as of January 1 that will be available for transfers or exchanges during that year. The State's determination shall be consistent with subdivisions (c)(1) and (c)(2) of this Article.

The State shall timely process requests for transfers or exchanges of Article 56 Carryover Water by participating contractors. After execution of the transfer or exchange agreement between the State and the contractors participating in the transfer or exchange, the State shall recalculate each contractor's storage amounts for the contractors participating in the transfer or exchange. The State's recalculation shall result in an increase by an amount of water within the storage amounts for the contractor receiving the water and a decrease by the same amount of water for the contractor transferring or exchanging water. The State's recalculation shall be based on the criteria set forth in the State's transfer or exchange agreement with the participating contractors. The State's calculations shall also apply when a contractor uses Article 56 Carryover Water to complete an exchange.

Transfers and exchanges of Article 56 Carryover Water shall meet all of the following criteria:

- (i) Transfers or exchanges of Article 56 Carryover Water are limited to a single-year. Project Water returned as part of an exchange under subdivision (c)(4) may be returned over multiple years.
- (ii) The District may transfer or exchange an amount up to fifty percent (50%) of its Article 56 Carryover Water to another contractor for use in that contractor's service area.
- (iii) Subject to approval of the State, the District may transfer or exchange an amount greater than 50% of its Article 56 Carryover Water to another contractor for use in that contractor's service area. The District seeking to transfer or exchange greater than 50% of its Article 56 Carryover Water shall submit a written request to the State for approval. The District making such a request shall demonstrate to the State how it will continue to meet its critical water needs in the current year of the transfer or exchange and in the following year.

- (iv) The contractor receiving the water transferred or exchanged under subdivisions (4)(i) or (ii) above shall confirm in writing to the State its need for the water that year and shall take delivery of the water transferred or exchanged in the same year.
 - (v) Subject to the approval of the State, the District may seek an exception to the requirements of subdivisions (4)(i), (ii), and (iii) above. The District seeking an exception shall submit a written request to the State demonstrating to the State the need for 1) using project surface conservation facilities as the transfer or exchange point for Article 56 Carryover Water if the receiving contractor cannot take delivery of the transfer or exchange water in that same year, 2) using project surface conservation facilities for the transfer or exchange of one contractor's Article 56 Carryover Water to another contractor to reduce the risk of the water being displaced, or 3) for some other need.
- (5) The restrictions on storage of Project Water outside the District's service area provided for in this subdivision (c), shall not apply to storage in any project off-stream storage facilities constructed south of the Delta after the date of the Monterey Amendment.
- (6) For any Project Water stored outside its service area pursuant to subdivisions (b) and (c), the District shall pay the State the same (including adjustments) for power resources (including on-aqueduct, off-aqueduct, and any other power) incurred in the transportation of such water as the District pays for the transportation of Annual Table A Amount to the reach of the project transportation facility from which the water is delivered to storage. If Table A Amount is stored, the Delta Water Charge shall be charged only in the year of delivery to interim storage. For any stored water returned to a project transportation facility for final delivery to its service area, the District shall pay the State the same for power resources (including on-aqueduct, off-aqueduct, and any other power) incurred in the transportation of such water calculated from the point of

return to the aqueduct to the turn-out in the District's service area. In addition, the District shall pay all incremental operation, maintenance, and replacement costs, and any other incremental costs, as determined by the State, which shall not include any administrative or contract preparation charge. Incremental costs shall mean those nonpower costs which would not be incurred if such water were scheduled for or delivered to the District's service area instead of to interim storage outside the service area. Only those contractors not participating in the repayment of a reach shall be required to pay a use of facilities charge for use of a reach for the delivery of water to, or return of water from, interim storage.

- (7) If the District elects to store Project Water in a nonproject facility within the service area of another contractor it shall execute a contract with that other contractor prior to storing such water which shall be in conformity with this Article and will include at least provisions concerning the point of delivery and the time and method for transporting such water.

(d) Non-Permanent Water Transfers of Project Water

Notwithstanding the provisions of Article 15(a), the State hereby consents to the District transferring Project Water outside its service area in accordance with the following:

- (1) The participating contractors shall determine the duration and compensation for all water transfers, including single-year transfers, Transfer Packages and multi-year transfers.
- (2) The duration of a multi-year transfer shall be determined by the participating contractors to the transfer, but the term of the transfer agreement shall not extend beyond the term of the Contract with the earliest term.
- (3) A Transfer Package shall be comprised of two or more water transfer agreements between the same contractors. The State shall consider each proposed water transfer within the package at the same time and shall apply the transfer criteria pursuant to Article 57 in the review and approval of each transfer. The State shall not consider a Transfer Package as an exchange.

(e) Continuance of Article 12(e) Carry-over Provisions

The provisions of this Article are in addition to the provisions of Article 12(e), and nothing in this Article shall be construed to modify or amend the provisions of Article 12(e). Any contractor electing to transfer or exchange Project Water during any year in accordance with the provisions of subdivision (c) of this Article, shall not be precluded from using the provisions of Article 12(e) for carrying over water from the last three months of that year into the first three months of the succeeding year.

(f) Bona Fide Exchanges Permitted

Notwithstanding the provisions of Article 15(a), the State hereby consents to the District exchanging Project Water outside its service area consistent with this Article. Nothing in this Article shall prevent the District from entering into bona fide exchanges of Project Water for use outside the District's service area with other parties for Project Water or Nonproject Water if the State consents to the use of the Project Water outside the District's service area. Also, nothing in this Article shall prevent the District from continuing those exchange or sale arrangements entered into prior to September 1, 1995. Nothing in this Article shall prevent the District from continuing those exchange or sale arrangements entered into prior to the effective date of this Amendment which had previously received any required State approvals. The State recognizes that the hydrology in any given year is an important factor in exchanges. A "bona fide exchange" shall mean an exchange of water involving the District and another party where the primary consideration for one party furnishing water to another party is the return of a substantially similar amount of water, after giving due consideration to the hydrology, the length of time during which the water will be returned, and reasonable payment for costs incurred. In addition, the State shall consider reasonable deductions based on expected storage or transportation losses that may be made from water delivered. The State may also consider any other nonfinancial conditions of the return. A "bona fide exchange" shall not involve a significant payment unrelated to costs incurred in effectuating the exchange. The State, in consultation with the contractors, shall have authority to determine whether a proposed exchange of water constitutes a "bona fide exchange" within the meaning of this paragraph and not a disguised sale.

Exchanges of Project Water

Exchanges of Project Water shall be consistent with Article 57. In addition, the State shall apply the following criteria to its review of each exchange of Project Water as set forth below:

(1) **Exchange Ratio**

Exchange ratio shall mean the amount of water delivered from a contractor's project supply in a year to another contractor compared to the amount of water returned to the first contractor in a subsequent year by the other contractor. All exchanges shall be subject to the applicable exchange ratio in this Article as determined by the allocation of available supply for the Annual Table A Amount at the time the exchange transaction between the contractors is executed.

- (a) For allocations greater than or equal to 50%, the exchange ratio shall be no greater than 2 to 1.
- (b) For allocations greater than 25% and less than 50%, the exchange ratio shall be no greater than 3 to 1.
- (c) For allocations greater than 15% and less than or equal to 25%, the exchange ratio shall be no greater than 4 to 1.
- (d) For allocations less than or equal to 15%, the exchange ratio shall be no greater than 5 to 1.

(2) **Cost Compensation**

The State shall determine the maximum cost compensation calculation using the following formula:

The numerator shall be the exchanging contractor's conservation minimum and capital and transportation minimum and capital charges, including capital surcharges. DWR will set the denominator using the State Water Project allocation which incorporates the May 1 monthly Bulletin 120 runoff forecast.

If the District submits a request for approval of an exchange prior to May 1, the State shall provide timely approval with the obligation of the contractors to meet the requirement of the maximum compensation. If the maximum compensation is exceeded because the agreement between the

contractors is executed prior to the State Water Project allocation as defined in (c)(2) above, the contractors will revisit the agreement between the two contractors and make any necessary adjustments to the compensation. If the contractors make any adjustments to the compensation, they shall notify the State.

(3) Period During Which the Water May Be Returned:

The period for the water to be returned shall not be greater than 10 years and shall not go beyond the expiration date of this Contract. If the return of the exchange water cannot be completed within 10 years, the State may approve a request for an extension of time.

(g) Other Transfers

Nothing in this Article shall modify or amend the provisions of Articles 15(a), 18(a) or Article 41, except as expressly provided for in subdivisions (c) and (d) of this Article and in subdivision (d) of Article 21.

NEW CONTRACT ARTICLES

ARTICLE 57 IS ADDED TO THE CONTRACT AS A NEW ARTICLE AS FOLLOWS:

57. Provisions Applicable to Both Transfers and Exchanges of Project Water

- (a) Nothing in this Article modifies or limits Article 18 (a).
- (b) Transfers and exchanges shall not have the protection of Article 14(b).
- (c) The District may be both a buyer and seller in the same year and enter into multiple transfers and exchanges within the same year.
- (d) Subject to the State's review and approval, all transfers and exchanges shall satisfy the following criteria:
 - (1) Transfers and exchanges shall comply with all applicable laws and regulations.
 - (2) Transfers and exchanges shall not impact the financial integrity of the State Water Project, Transfers and exchange agreements shall include provisions to cover all costs to the State for the movement of water such as power costs and use of facility charge.
 - (3) Transfers and exchanges shall be transparent, including compliance with subdivisions (g) and (h) of this Article.
 - (4) Transfers and exchanges shall not harm other contractors not participating in the transfer or exchange.
 - (5) Transfers and exchanges shall not create significant adverse impacts to the service area of each contractor participating in the transfer or exchange.
 - (6) Transfers and exchanges shall not adversely impact State Water Project operations.
- (e) The District may petition the State and the State shall have discretion to approve an exception to the criteria set forth in subdivision (d) in the following cases:
 - (1) When a transfer or an exchange does not meet the criteria, but the District has determined that there is a compelling need to proceed with the transfer or exchange.

- (2) When the District has received water in a transfer or an exchange and cannot take all of the water identified in the transaction in the same year, the District may request to store its water consistent with Article 56(c), including in San Luis Reservoir.
- (f) The State will timely process such requests for scheduling the delivery of the transferred or exchanged water. Contractors participating in a transfer or an exchange shall submit the request in a timely manner.
- (g) The District shall, for each transfer or exchange it participates in, confirm to the State in a resolution or other appropriate document approving the transfer or exchange, including use of Article 56(c) stored water, that:
 - (1) The District has complied with all applicable laws.
 - (2) The District has provided any required notices to public agencies and the public.
 - (3) The District has provided the relevant terms to all contractors and to the Water Transfers Committee of the State Water Contractors Association.
 - (4) The District is informed and believes that the transfer or exchange will not harm other contractors.
 - (5) The District is informed and believes that the transfer or exchange will not adversely impact State Water Project operations.
 - (6) The District is informed and believes that the transfer or exchange will not affect its ability to make all payments, including payments when due under its Contract for its share of the financing costs of the State's Central Valley Project Revenue Bonds.
 - (7) The District has considered the potential impacts of the transfer or exchange within its service area.
- (h) Dispute Resolution Process Prior to Executing an Agreement**

The State and the contractors shall comply with the following process to resolve disputes if a contractor that is not participating in the transfer or exchange claims that the proposed transfer and/or exchange has a significant adverse impact.

- (1) Any claim to a significant adverse impact may only be made after the District has submitted the relevant terms pursuant to Article

57(g)(3) and before the State approves a transfer or an exchange agreement.

- (2) In the event that any dispute cannot be resolved among the contractors, the State will convene a group including the Department's Chief of the State Water Project Analysis Office, the Department's Chief Counsel and the Department's Chief of the Division of Operations or their designees and the contractors involved. The contractor's representatives shall be chosen by each contractor. Any contractor claiming a significant adverse impact must submit written documentation to support this claim and identify a proposed solution. This documentation must be provided 2 weeks in advance of a meeting of the group that includes the representatives identified in this paragraph.
- (3) If this group cannot resolve the dispute, the issue will be taken to the Director of the Department of Water Resources and that decision will be final.

WATER MANAGEMENT AMENDMENT IMPLEMENTING AND ADMINISTRATIVE PROVISIONS

IT IS FURTHER MUTUALLY AGREED that the following provisions, which shall not be part of the Water Supply Contract text, shall be a part of this Amendment and be binding on the Parties.

1. EFFECTIVE DATE OF WATER MANAGEMENT AMENDMENT

- (a) The Water Management Amendment shall take effect (“Water Management Amendment effective date”) on the last day of the calendar month in which the State and 24 or more contractors have executed the Water Management Amendment, unless a final judgment by a court of competent jurisdiction has been entered that the Water Management Amendment is invalid or unenforceable or a final order has been entered that enjoins the implementation of the Water Management Amendment.
- (b) If any part of the Water Management Amendment of any contractor is determined by a court of competent jurisdiction in a final judgment or order to be invalid or unenforceable, the Water Management Amendments of all contractors shall be of no force and effect unless the State and 24 or more contractors agree any the remaining provisions of the contract may remain in full force and effect.
- (c) If 24 or more contractors have not executed the Water Management Amendment by February 28, 2021 then within 30 days the State, after consultation with the contractors that have executed the amendment, shall make a determination whether to waive the requirement of subdivision (a) of this effective date provision. The State shall promptly notify all contractors of the State’s determination. If the State determines, pursuant to this Article to allow the Water Management Amendment to take effect, it shall take effect only as to those consenting contractors.
- (d) If any contractor has not executed the Water Management Amendment within sixty (60) days after its effective date pursuant to subdivisions (a) through (c) of this effective date provision, this Amendment shall not take effect as to such contractor unless the contractor and the State, in its discretion, thereafter execute such contractor’s Water Management Amendment, in which case the Water Management Amendment effective date for purposes of that contractor’s Amendment shall be as agreed upon by the State and contractor, and shall replace the effective date identified in subdivision (a) for that contractor.

2. ADMINISTRATION OF CONTRACTS WITHOUT WATER MANAGEMENT AMENDMENT

The State shall administer the water supply contracts of any contractors that do not execute the Water Management Amendment in a manner that is consistent with the contractual rights of such contractors. These contractors' rights are not anticipated to be affected adversely or benefited by the Water Management Amendments.

3. OTHER CONTRACT PROVISIONS

Except as amended by this Amendment, all provisions of the contract shall be and remain the same and in full force and effect, provided, however, that any reference to the definition of a term in Article 1, shall be deemed to be a reference to the definition of that term, notwithstanding that the definition has been re-lettered within Article 1. In preparing a consolidated contract, the parties agree to update all such references to reflect the definitions' lettering within Article 1.

4. DocuSign

The Parties agree to accept electronic signatures generated using DocuSign as original signatures.

IN WITNESS WHEREOF, the Parties hereto have executed this Amendment on the date first above written.

Approved as to Legal Form
and Sufficiency:

Spencer Kenner ^{kd}
Chief Counsel
Department of Water Resources

STATE OF CALIFORNIA
DEPARTMENT OF WATER RESOURCES

[Signature]
Director

2/24/2021
Date

Approved as to Form:

Brendan Brandt
General Counsel
San Bernardino Valley Municipal Water
District

SAN BERNARDINO VALLEY MUNICIPAL
WATER DISTRICT

Heather Dyer
Chief Executive Officer/General Manager

2/23/2021
Date